

# Product Datasheet

## Transglutaminase 1/TGM1 Antibody - Azide and BSA Free H00007051-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00007051-D01P**

Transglutaminase 1/TGM1 Antibody - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 mg                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG                                                                                                              |
| Purity              | Protein G purified                                                                                               |
| Buffer              | PBS (pH 7.4)                                                                                                     |

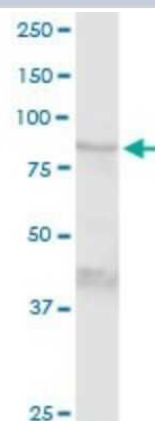
| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Quality control test: Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID             | 7051                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol         | TGM1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species             | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Immunogen           | TGM1 (NP_000350.1, 1 a.a. - 817 a.a.) full-length human protein.<br>MMDGPRSDVGRWGGNPLQPPTTPSPEPEPEPDGRSRRGGGRSFWARCCGC<br>CSCRNAADDDWGPEPSDSRGRGSSSGTRRPGSRGSDSRRPVSRGSGVNAA<br>GDGTIREGMLVVNGVDLLSSRSDQNRREHHTDEYEYDELIVRRGQPFHMLLLL<br>SRTYESSDRITLELLIGNNPEVGKGTHVPIPVGKGGSGGWKAQVVKASGQNLNL<br>RVHTSPNAIGKFQFTVRTQSDAGEFQLPFDPRNEIYILFNPWPCEDIVYVDHED<br>WRQEYVLNESGRIYYGTEAQIGERTWNYGQFDHGVLDACLYILDRRGMPYGG<br>RGDPVNVSRVISAMVNSLDDNGVLIGNWSGDYSRGTNPSAWVGSVEILLSYLR<br>TGYSVPYQGQCWVFAGVTTTTVLRLCLGLATRTVTNFNSAHD TDTS LTMDIYFDEN<br>MKPLEHLNHDSVWNFHVWNCW MKRPDLPSGFDGWQVVDATPQETSSGIFC<br>CGPCSVESIKNGLVYMKYDTPFIFAEVNSDKVYWQRQDDGSFKIVYVEEKAIGT<br>LIVTKAISSNMREDITYLYKHPEGSDAERKAVETAAAHGSKPNVYANRGS AEDV<br>AMQVEAQDAVMGQDLMVSVMLINHSSSRRTVKLHLYLSVTFYTGVS GTIFKET<br>KKEVELAPGASDRVTMPVAYKEYRPHLVDQGAMLLNVSGHVKESGQVLAKQH<br>TFRLRTPDLSLTLLGA AVVGQECEVQIVFKNPLPVTLTNVVFRLEG SGLQRPKIL<br>NVGDIGGNETVTLRQSFVPVRPGPRQLIASLDSPQLSQVHGVIQVDVAPAPGD<br>GGFFSDAGGDSHLGETIPMASRGA |
| Notes               | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Product Application Details |                          |
|-----------------------------|--------------------------|
| Applications                | Western Blot             |
| Recommended Dilutions       | Western Blot             |
| Application Notes           | It has been used for WB. |

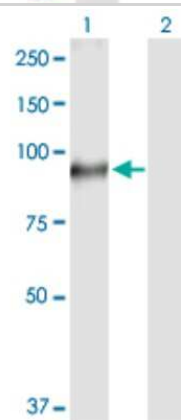


## Images

Western Blot: Transglutaminase 1/TGM1 Antibody [H00007051-D01P] - Analysis of TGM1 expression in mouse kidney.



Western Blot: Transglutaminase 1/TGM1 Antibody [H00007051-D01P] - Analysis of TGM1 expression in transfected 293T cell line by TGM1 polyclonal antibody. Lane 1: TGM1 transfected lysate(89.80 kDa). Lane 2: Non-transfected lysate.



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**Products Related to H00007051-D01P**

|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-34062PEP | Transglutaminase 1/TGM1 Recombinant Protein Antigen |

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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