

# Product Datasheet

## ZMAT1 Antibody - BSA Free

### NBP1-81375

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 1

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**NBP1-81375**

ZMAT1 Antibody - BSA Free

| Product Information     |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                                                                           |
| Concentration           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality               | Polyclonal                                                                                                       |
| Preservative            | 0.02% Sodium Azide                                                                                               |
| Isotype                 | IgG                                                                                                              |
| Purity                  | Immunogen affinity purified                                                                                      |
| Buffer                  | PBS (pH 7.2) and 40% Glycerol                                                                                    |
| Target Molecular Weight | 75 kDa                                                                                                           |

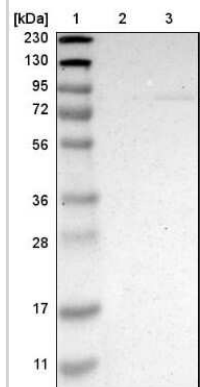
| Product Description |                                                                                                                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit ZMAT1 Antibody - BSA Free (NBP1-81375) is a polyclonal antibody validated for use in IHC and WB. Anti-ZMAT1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                                     |
| Gene ID             | 84460                                                                                                                                                                                                                                      |
| Gene Symbol         | ZMAT1                                                                                                                                                                                                                                      |
| Species             | Human                                                                                                                                                                                                                                      |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>NSRKTQDSYQNECADIINVQKARGLEAKTCFRKMEESSLETRRYREVVDSP<br>RHRMFEQRLPFETFRTYAAPYNISQAMEKQLPHSKKTYDSFQDELEDYIKVQK<br>ARGLDPKTCFRKMRENSVDTHGYREMVDSP    |

| Product Application Details |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                          |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                      |

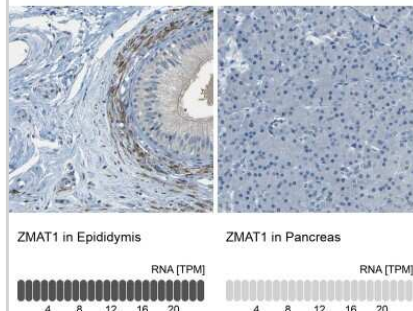


## Images

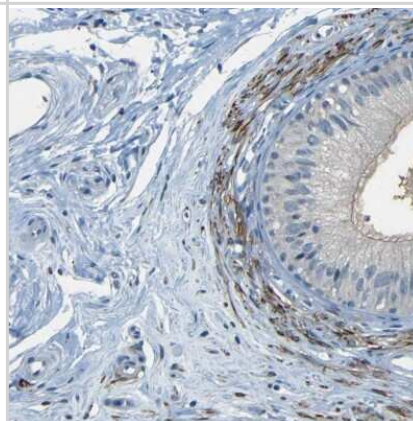
Western Blot: ZMAT1 Antibody [NBP1-81375] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



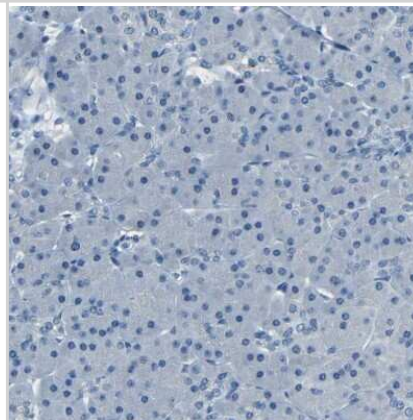
Immunohistochemistry-Paraffin: ZMAT1 Antibody [NBP1-81375] - Staining in human epididymis and pancreas tissues using anti-ZMAT1 antibody. Corresponding ZMAT1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: ZMAT1 Antibody [NBP1-81375] - Staining of human epididymis shows high expression.



Immunohistochemistry-Paraffin: ZMAT1 Antibody [NBP1-81375] - Staining of human pancreas shows low expression as expected.



## Publications

Ma Z, Li Z, Wang S et al. ZMAT1 acts as a tumor suppressor in pancreatic ductal adenocarcinoma by inducing SIRT3/p53 signaling pathway Journal of experimental & clinical cancer research : CR 2022-04-07 [PMID: 35392973]



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### **Products Related to NBP1-81375**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-81375PEP | ZMAT1 Recombinant Protein Antigen                   |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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### **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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