

Product Datasheet

Transglutaminase 1/TGM1 Antibody NB100-1844

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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NB100-1844**Transglutaminase 1/TGM1 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Lyophilized powder, reconstituted in distilled water.
Isotype	IgG
Purity	Unpurified
Buffer	Antiserum
Target Molecular Weight	89.8 kDa

Product Description	
Host	Rabbit
Gene ID	7051
Gene Symbol	TGM1
Species	Human, Cynomolgus Monkey
Reactivity Notes	Cynomolgus Monkey reactivity reported in scientific literature (PMID: 22620270).
Specificity/Sensitivity	This reacts specifically with human Transglutaminase 1 .
Immunogen	A 15 residue synthetic peptide derived from a domain from human Transglutaminase 1 protein.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-1:1000, ELISA, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:100 - 1:1000
Application Notes	Transglutaminase 1/TGM1 antibody validated for ICC/IF from a verified customer review.

Publications

Izquierdo-Altarejos P, Cabrera-Pastor A, Gonzalez-King H et Al. Extracellular Vesicles from Hyperammonemic Rats Induce Neuroinflammation and Motor Incoordination in Control Rats Cells 2020-02-28 [PMID: 32121257] (WB, Rat)

Miller A D, Westmoreland S V, Evangelous N R et al. Acute traumatic spinal cord injury induces glial activation in the cynomolgus macaque (Macaca fascicularis). Journal of Medical Primatology 2012-01-01 [PMID: 22620270] (IF/IHC, Cynomolgus Monkey)

Terazawa S, Mori S, Nakajima H et al. The UVB-Stimulated Expression of Transglutaminase 1 Is Mediated Predominantly via the NFkB Signaling Pathway: New Evidence of Its Significant Attenuation through the Specific Interruption of the p38/MSK1/NFkBp65 Ser276 Axis. PLoS ONE 2015-08-26 [PMID: 26305102] (WB, Human)

Yuki T, Komiya A, Kusaka A et al. Impaired Tight Junctions Obstruct Stratum Corneum Formation by Altering Polar Lipid and Profilaggrin Processing Journal of Dermatological Science 2012-01-01 [PMID: 23273645] (WB, Human)





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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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