Datasheet for ABIN2629126

anti-Transglutaminase 2 antibody (AA 399-418)

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Overview

Quantity:	100 µg
Target:	Transglutaminase 2 (TGM2)
Binding Specificity:	AA 399-418
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human TGM2 (399-418aa ADVVDWIQQDDGSVHKSINR), different from the related mouse sequence by three amino acids, and from the related rat sequence by four amino acids.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	Transglutaminase 2 (TGM2)
Alternative Name:	TGM2 / Transglutaminase 2 (TGM2 Products)
Background:	Name/Gene ID: TGM2

Target Details

	Synonyms: TGM2, G-ALPHA-h, GNAH, TG(C), Transglutaminase 2, Transglutaminase C, TG2, TGase H, TGase-2, TGase-H, Transglutaminase H, TGase C, TGC, TTG, C polypeptide, Tgase II, Tissue transglutaminase, Transglutaminase-2
Gene ID:	7052
Pathways:	Tube Formation, Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2 HPO4, 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.