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Datasheet for ABIN2783673

anti-Transglutaminase 5 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	Transglutaminase 5 (TGM5)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transglutaminase 5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TGM5
Sequence:	VLKPQHQASI ILETVPFKSG QRQIQANMRS NKFKDIKGYR NVYVDFAL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 85%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TGM5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Transglutaminase 5 (TGM5)
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Target Details

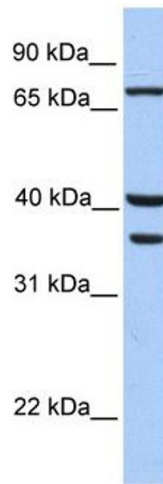
Alternative Name:	TGM5 (TGM5 Products)
Background:	<p>TGM5 belongs to the transglutaminase superfamily, transglutaminase family. It catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. It contributes to the formation of the cornified cell envelope of keratinocytes. Defects in TGM5 are a cause of peeling skin syndrome acral type (APSS).</p> <p>Alias Symbols: MGC141907, TGM6, TGMX, TGX, TGASE5, TGASEX</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 720</p>
Molecular Weight:	81 kDa
Gene ID:	9333
NCBI Accession:	NM_201631 , NP_963925
UniProt:	O43548

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 720 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-TGM5 Antibody Titration: 0.2-1 ug/ml Positive Control: HeLa cell lysate