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Datasheet for ABIN571269

anti-Transglutaminase 7 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	Transglutaminase 7 (TGM7)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Transglutaminase 7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	TGM7
Immunogen:	C-KIEISQGQGH SVT
Sequence:	KIEISQGQGH SVT
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

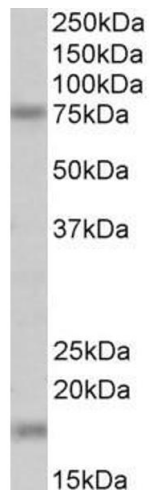
Target:	Transglutaminase 7 (TGM7)
Alternative Name:	TGM7 (TGM7 Products)
Background:	TGM7, transglutaminase 7, TGMZ, transglutaminase Z
Gene ID:	116179, 640543
NCBI Accession:	NP_443187

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5 µg/mL. Western Blot: Approx 75 kDa band observed in Human Lung and Testis and in Mouse Kidney, Lung and Testis lysates (calculated MW of 79.9 kDa according to Human NP_443187.1 and 79.8 kDa according to Mouse NP_001153896.1). Recommended concentration: 0.1-0.3 µg/m Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571269 (0.1µg/ml) staining of Mouse Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.