

Datasheet for ABIN870643

anti-Transglutaminase 2 antibody (AA 578-591)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Transglutaminase 2 (TGM2)
Binding Specificity:	AA 578-591
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Transglutaminase 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Transglutaminase 2 (aa578-591)
Immunogen:	Peptide with sequence C-ERDLYLENPEIKIR, from the internal region of the protein sequence according to NP_004604.2.
Sequence:	ERDLYLENPE IKIR
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_004604.2) only.
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Transglutaminase 2 (TGM2)
Alternative Name:	TGM2
Background:	TGM2, transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase), G-ALPHA-h, GNAH, TG2, TGC, C polypeptide, TG(C), TGase C, TGase H, TGase-2, TGase-H, protein-glutamine gamma-glutamyltransferase 2, protein-glutamine-gamma-glutamyltran
Molecular Weight:	77.3kDa
Gene ID:	7052, 21817, 56083
NCBI Accession:	NP_004604
Pathways:	Tube Formation , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Western Blot: Approx 80 kDa band observed in Mouse and Rat Kidney lysates (calculated MW of 77.3 kDa according to Human NP_004604.2 and 77.0 kDa according to Mouse NP_033399.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
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.