



TGM2 Antibody

CATALOG NUMBER: 46-485



Western blot analysis of TGM2 in human lung lysate (35 ug protein in RIPA buffer) using TGM2 Antibody at 0.03 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:128,000. Western Blot: Approximately 90 kDa band observed in human lung lysates (calculated MW of 77.3 kDa according to NP_004604.2). Recommended concentration: 0.03-0.1 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1302 - Human Lung Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize isoform a (NP_004604.2) only.
IMMUNOGEN:	TGM2 antibody was raised against a 14 amino acid synthetic peptide near the internal region (near the C-Terminus) of TGM2.
HOST SPECIES:	Goat

Properties

PURIFICATION:	TGM2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	TGM2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	TGM2, transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase), TG2, TGC, C polypeptide, TGase C, TGase-H, protein-glutamine-gamma-glutamyltransferase, tissue transglutaminase, transglutaminase 2, transglutaminase C, GNAH, HEL-S-45, G-ALPHA-h
ACCESSION NO.:	NP_004604.2
PROTEIN GI NO.:	39777597

OFFICIAL SYMBOL:	TGM2
GENE ID:	7052

Background

REFERENCES: 1) Verma A, Wang H, Manavathi B, Fok JY, Mann AP, Kumar R, Mehta K. Increased expression of tissue transglutaminase in pancreatic ductal adenocarcinoma and its implications in drug resistance and metastasis. Cancer Res. 2006 Nov 1;66(21):10525-33.

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