

ARG64233 anti-TGM2 / Tissue transglutaminase antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TGM2 / Tissue transglutaminase
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognise isoform a (NP_004604.2) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TGM2 / Tissue transglutaminase
Species	Human
Immunogen	C-NFESDKLKAVKGFR
Conjugation	Un-conjugated
Alternate Names	TG2; G-ALPHA-h; TGase H; Transglutaminase C; TGase C; HEL-S-45; Transglutaminase-2; Tissue transglutaminase; C; TGase-2; TGC; Protein-glutamine gamma-glutamyltransferase 2; TG; Transglutaminase H; GNAH; EC 2.3.2.13

Application Instructions

Application table	Application	Dilution
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

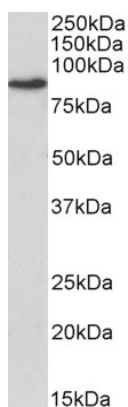
Database links	GeneID: 7052 Human Swiss-port # P21980 Human
Background	Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody; Immune System antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	77 kDa

Images



ARG64233 anti-TGM2 antibody WB image

Western Blot: Human Lung lysate (35 µg protein in RIPA buffer) stained with ARG64233 anti-TGM2 antibody at 0.03 µg/ml dilution.



ARG64233 anti-TGM2 antibody WB image

Western Blot: A549 lysate (35 µg protein in RIPA buffer) stained with ARG64233 anti-TGM2 antibody at 0.1 µg/ml dilution.