

ARG56251 anti-TGM2 / Tissue transglutaminase antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes TGM2 / Tissue transglutaminase |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | ICC/IF, IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TGM2 / Tissue transglutaminase |
| Species | Human |
| Immunogen | Recombinant protein of Human TGM2 / Tissue transglutaminase |
| 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 |
|-------------------|--|----------------|
| | ICC/IF | 1:50 - 1:200 |
| | IHC-P | 1:50 - 1:200 |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | A549 | |

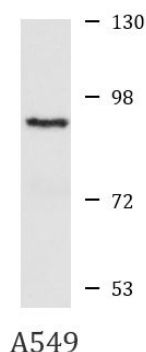
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| 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. 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. |

Bioinformation

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|----------------|--|
| Database links | GeneID: 21817 Mouse GeneID: 7052 Human Swiss-port # P21980 Human Swiss-port # P21981 Mouse |
| Gene Symbol | TGM2 |
| Gene Full Name | transglutaminase 2 |
| 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] |
| Function | Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. [UniProt] |
| Calculated Mw | 77 kDa |

Images



ARG56251 anti-TGM2 antibody WB image

Western blot: A549 cell lysate stained with ARG56251 anti-TGM2 antibody.