

Anti-TGM3 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Mouse (predicted:Human,Rat,Dog,Cow,Horse,Rabbit) |
| Molecular Weight: | Theoretical: 25/76 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (TGM3) Polyclonal Antibody, Unconjugated (TMAB-13502) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining. |
| Application: | IHC-P,IHC-Fr,IF |
| Recommended | IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human TGM3 |
| Antigen Species: | Human |
| Gene ID: | 7053 |
| Uniprot ID: | Q08188 |

Research 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. Transglutaminase 3 consists of two polypeptide chains activated from a single precursor protein by proteolysis. Transglutaminase 3 is involved the later stages of cell envelope formation in the epidermis and hair follicle.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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