

Anti-TIAF1 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human |
| Molecular Weight: | Theoretical: 12 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-TIAF1 Polyclonal Antibody, Unconjugated (TMAB-13537) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody 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 TIAF1 |
| Antigen Species: | Human |
| Gene ID: | 9220 |
| Uniprot ID: | O95411 |

Research Background

TIAF-1 (TGF Beta 1-induced antiapoptotic factor 1), also known as MYO18A, MAJN or MYSPDZ, is a TGF Beta 1-induced anti-apoptotic factor that localizes to the nucleus and functions to inhibit the cytotoxic effects of TNF? TRADD and FADD. Two isoforms of mouse TIAF-1 exist and are designated MysPDZ-Alpha and MysPDZ-Beta. MysPDZ-Alpha consists of a KE-rich region, an N-terminal PDZ domain and a prevalent myosin homologous head region, while the MysPDZ-Beta isoform lacks the KE-rich region and PDZ domain. MysPDZ-Alpha is present in most tissues and is known to co-localize with the ER-Golgi complex and with membrane ruffles and filopodia. MysPDZ-Beta is expressed specifically in hematopoietic tissues and cell lines and shows dispersed localization in the cytoplasm.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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