



Rabbit Anti-TIAF1 antibody

SL10702R

Product Name:	TIAF1
Chinese Name:	TGFB1诱导抗凋亡因子1抗体
Alias:	MAJN; TGFB1 induced anti apoptotic factor 1 (12 kDa TGF beta1 induced antiapoptotic factor); 12 kDa TGF-beta-1-induced antiapoptotic factor; TGFB1 induced anti apoptotic factor 1; TGFB1-induced anti-apoptotic factor 1; TIAF1_HUMAN; MAJN; SPR210; MYO18A; MYSPDZ; TGFB1 induced anti apoptotic factor 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	12kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TIAF1:1-100/115
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:

This protein inhibits the cytotoxic effects of TNF-alpha and overexpressed TNF receptor adapters TRADD, FADD, and RIP. It is involved in TGF-beta1 inhibition of IkappaB-alpha expression and suppression of TNF-mediated IkappaB-alpha degradation.

Subcellular Location:

Nuclear

Tissue Specificity:

Not detectable in normal kidney and liver. Up-regulated in chronic and acute allograft rejection: expressed in the inflammatory infiltrate and in tubular epithelial cells.

SWISS:

O95411

Gene ID:

9220

Database links:

[Entrez Gene: 9220](#)Human

[Omim: 609517](#)Human

[SwissProt: O95411](#)Human

[Unigene: 462590](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.