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TIAF1 Rabbit pAb

Catalog # AP98120

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95411
Other Accession	O95411
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12414
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TIAF1
Epitope Specificity	34-115/115
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Other Names	MAJN; SPR210; TIAF1_HUMAN; MYO18A; 12 kDa TGF-beta-1-induced antiapoptotic factor; TIAF1;
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	MYO18A

Synonyms	TIAF1
Function	[Isoform TIAF1]: Inhibits the cytotoxic effects of TNF and overexpressed TNF receptor adapters TRADD, FADD, and RIPK1. Involved in TGF-beta1 inhibition of IkappaB-alpha expression and suppression of TNF-mediated IkappaB-alpha degradation.
Cellular Location	[Isoform TIAF1]: Nucleus
Tissue Location	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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.