10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TNFSF15 Rabbit pAb

Catalog # AP98282

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O95150
Other Accession	O95150
Reactivity	Human, Mouse
Predicted	Rat, Pig, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28087
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TNFSF15
Epitope Specificity	161-251/251
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the tumor necrosis factor family.
SUBUNIT	Homotrimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Receptor for TNFRSF25 and TNFRSF6B. Mediates activation of NF-kappa-B. Inhibits vascular endothelial growth and angiogenesis (in vitro). Promotes activation of caspases and apoptosis.

Additional Information

Gene ID	9966
Other Names	TL1; TL1A; TNLG1B; VEGI; VEGI192A; TNF15_HUMAN; TNFSF15; TNF ligand-related molecule 1; Vascular endothelial cell growth inhibitor; TNF15_MOUSE; TNF15_RAT; TNF superfamily member 15; tumor necrosis factor (ligand) superfamily, member 15; TNF superfamily ligand TL1A; vascular endothelial growth inhibitor; vascular endothelial growth inhibitor-192A
Dilution	WB=1:500-2000,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	TNFSF15

Synonyms	TL1, TL1A {ECO:0000303|PubMed:21300286},
Function	Cytokine that signals through TNFRSF25 receptor (PubMed: 11911831). Functions as a T-cell costimulator, that increases IL-2 responsiveness and secretion of proinflammatory cytokines which enhances T-cell activation, proliferation and the survival of activated T-cells (PubMed:10597252, PubMed:11911831). Inhibits vascular endothelial growth and angiogenesis (in vitro) (PubMed:11923219, PubMed:9872942). Binds to the decoy receptor TNFRSF6B, blocking the activation normally triggered by TNFSF15 and leading to decreased T- cell activation and reduced inflammation (PubMed:21300286).
Cellular Location	Membrane; Single-pass type II membrane protein
Tissue Location	Specifically expressed in endothelial cells. Detected in monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon

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