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VEGI Polyclonal Antibody

Catalog # AP73056

Product Information

Application	WB, IF, ICC, E
Primary Accession	O95150
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28087

Additional Information

Gene ID	9966
Other Names	TNFSF15; TL1; VEGI; Tumor necrosis factor ligand superfamily member 15; TNF ligand-related molecule 1; Vascular endothelial cell growth inhibitor
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

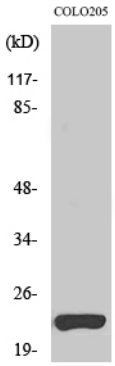
Protein Information

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

Background

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.

Images



Western Blot analysis of various cells using VEGI Polyclonal Antibody. Secondary antibody was diluted at 1:20000

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