TNFSF15 Polyclonal antibody

Catalog Number:29899-1-AP   **1 Publications**

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Basic Information

Catalog Number:
29899-1-AP

Size:
750 ug/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC074941

GeneID (NCBI):
9966

UNIPROT ID:
O95150

Full Name:
tumor necrosis factor (ligand) superfamily, member 15

Calculated MW:
28 kDa

Observed MW:
28 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Positive Controls:

WB : mouse colon tissue, mouse small intestine tissue, rat small intestine tissue, rat colon tissue

Background Information

Tumor necrosis factor ligand superfamily member 15 (TNFSF15) is also named as TL1 and VEGI. And it belongs to the tumor necrosis factor family. It is a receptor for TNFRSF25 and TNFRSF6B. VEGI induced degradation of I κ B alpha, and nuclear translocation of p65 subunit of NF κ B by activating NF κ B (PMID: 10597252). TL1A mediates activation and apoptosis of NF κ B in DR3-expressing cell lines (PMID: 11911831). Overexpression by cancer cells of a secretable VEGI fusion protein resulted in abrogation of xenograft tumor progression. The isoforms show endothelial cell-specific expression and are generated from a 17 kb human gene by alternative splicing (PMID: 11923219). In addition, VEGI can inhibit vascular endothelial growth and angiogenesis (in vitro) (PMID: 9872942).

Notable Publications

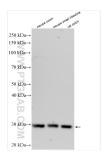| Author	Pubmed ID	Journal	Application
Nana Geng	39007035	J Orthop Translat	WB,IHC

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 29899-1-AP (TNFSF15 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.