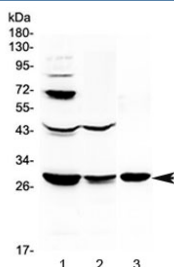


TL1A Antibody / TNFSF15 / VEGI (RQ4107)

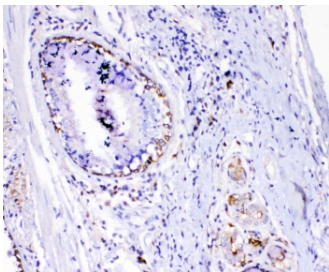
Catalog No.	Formulation	Size
RQ4107	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

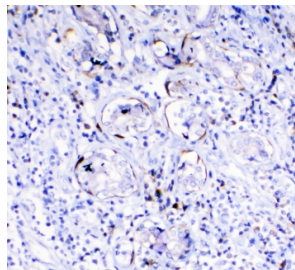
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O95150
Applications	Western Blot : 0.5-1ug/ml (Mouse; Rat) IHC (FFPE) : 1-2ug/ml (Human) ELISA (Capture) : 0.1-0.5ug/ml (Human)
Limitations	This TL1A antibody is available for research use only.



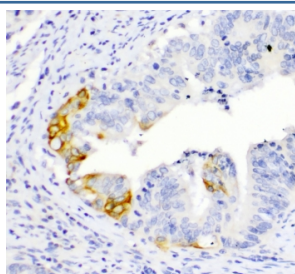
TL1A Antibody Rat Mouse WB. Western blot testing of 1) rat liver, 2) rat kidney and 3) mouse kidney lysate with TL1A antibody at 0.5ug/ml. Predicted molecular weight ~28 kDa.



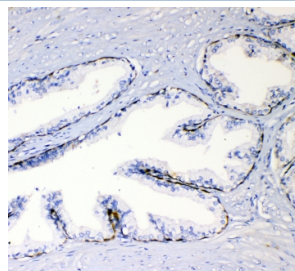
TL1A Antibody Lung Cancer Immunohistochemistry. IHC testing of FFPE human lung cancer with TL1A antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



TL1A Antibody Lung Cancer IHC. Immunohistochemistry staining of FFPE human lung cancer with TL1A antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



TL1A Antibody Intestine Cancer Immunohistochemistry. IHC testing of FFPE human intestinal cancer with TL1A antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



TL1A Antibody Prostate Cancer Immunohistochemistry. IHC testing of FFPE human prostate cancer with TL1A antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

Description

TL1A Antibody specifically detects Vascular endothelial growth inhibitor (VEGI), also known as TNF-like ligand 1A (TL1A) and TNF superfamily member 15 (TNFSF15), a protein that in humans is encoded by the TNFSF15 gene. The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. Two transcript variants encoding different isoforms have been found for this gene.

For additional TL1A / TNFSF15 / VEGI research antibodies targeting inflammatory cytokine signaling and TNF superfamily immune pathways, explore the broader [TL1A Antibody](#) page featuring recombinant rabbit monoclonal clone rVEGI/1283.

Application Notes

Optimal dilution of the TL1A antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein corresponding to amino acids L72-T244 was used as the immunogen for the TL1A antibody.

Storage

After reconstitution, the TL1A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.