

VEGI Polyclonal Antibody

YT4873 Catalog No:

Reactivity: Human; Rat; Mouse;

Applications: WB;IF;ELISA

VEGI Target:

Fields: >>Cytokine-cytokine receptor interaction

O95150

Q5UBV8

Gene Name: TNFSF15

Protein Name: Tumor necrosis factor ligand superfamily member 15

Human Gene Id: 9966

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

TNFSF15. AA range:181-230

VEGI Polyclonal Antibody detects endogenous levels of VEGI protein. **Specificity:**

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other

applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

1/3

Observed Band: 20kD

Cell Pathway : Cytokine-cytokine receptor interaction;

Background : 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. [provided by RefSeq, Feb 2011],

Function: function: 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.,induction:Up-regulated by IL-1-alpha and TNF-alpha.,similarity:Belongs to the tumor necrosis factor

family.,subunit:Homotrimer.,tissue specificity:Specifically expressed in endothelial cells. Detected in monocytes, placenta, lung, liver, kidney, skeletal muscle,

pancreas, spleen, prostate, small intestine and colon.

Subcellular Membrane; Single-pass type II membrane protein .; [Tumor necrosis factor

Location: ligand superfamily member 15, secreted form]: Secreted.

Expression: Specifically expressed in endothelial cells. Detected in monocytes, placenta,

lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine

and colon.

Sort: 24126

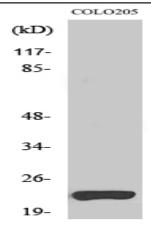
No4: 1

Host: Rabbit

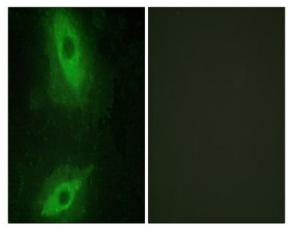
Modifications: Unmodified

Products Images

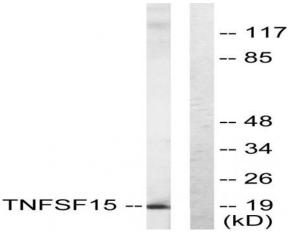
2/3



Western Blot analysis of various cells using VEGI Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunofluorescence analysis of HeLa cells, using TNFSF15 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO205 cells, using TNFSF15 Antibody. The lane on the right is blocked with the synthesized peptide.