



VEGI rabbit pAb

Cat No.:ES3695

For research use only

Overview

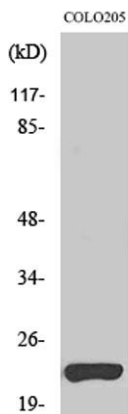
Product Name	VEGI rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TNFSF15. AA range:181-230
Specificity	VEGI Polyclonal Antibody detects endogenous levels of VEGI protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tumor necrosis factor ligand superfamily member 15
Gene Name	TNFSF15
Cellular localization	Membrane ; Single-pass type II membrane protein .; [Tumor necrosis factor ligand superfamily member 15, secreted form]: Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	9966
Human Swiss-Prot Number	O95150
Alternative Names	TNFSF15; TL1; VEGI; Tumor necrosis factor ligand superfamily member 15; TNF ligand-related molecule 1; Vascular endothelial cell growth inhibitor





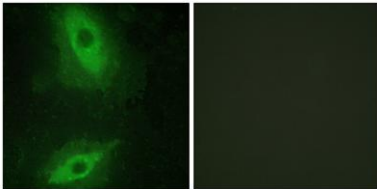
Background

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],



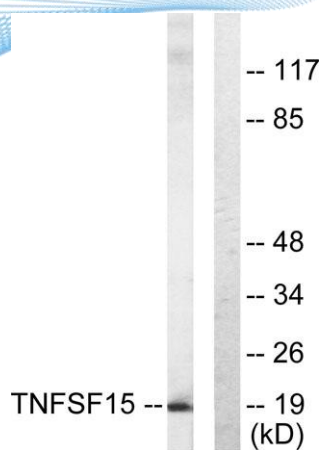
Western Blot analysis of various cells using VEGI Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

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





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



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