

TALL-1 Polyclonal Antibody

Catalog No :	YT5166
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	TALL-1
Fields :	>>Cytokine-cytokine receptor interaction;>>NF-kappa B signaling pathway;>>Intestinal immune network for IgA production;>>Rheumatoid arthritis
Gene Name :	TNFSF13B
Protein Name :	Tumor necrosis factor ligand superfamily member 13B
Human Gene Id :	10673
Human Swiss Prot No :	Q9Y275
Mouse Swiss Prot No :	Q9WU72
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human TNFSF13B. AA range:151-200
Specificity :	TALL-1 Polyclonal Antibody detects endogenous levels of TALL-1 protein.
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. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
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)

Observed Band : 32kD

Cell Pathway : Cytokine-cytokine receptor interaction;Intestinal immune network for IgA production;

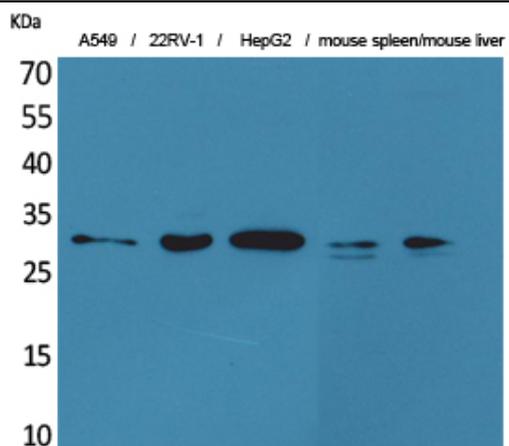
Background : The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Mar 2011],

Function : function:Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands-2 receptors pathway involved in the stimulation of B-and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.,induction:Up-regulated by exposure to interferon-gamma. Down-regulated by phorbol myristate acetate/ionomycin treatment.,online information:Proteic grace - Issue 77 of December 2006,PTM:N-glycosylated.,PTM:The soluble form derives from the membrane form by proteolytic processing.,similarity:Belongs to the tumor necrosis factor family.,subunit:Homotrimer.,tissue specificity:Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bo

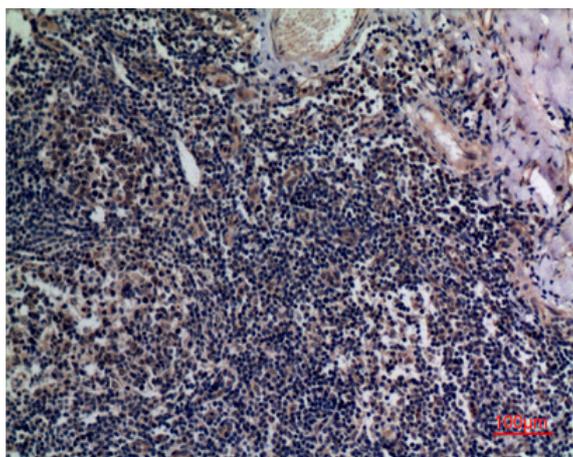
Subcellular Location : Cell membrane; Single-pass type II membrane protein.; [Tumor necrosis factor ligand superfamily member 13b, soluble form]: Secreted.

Expression : Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas. Isoform 2 is expressed in many myeloid cell lines.

Products Images



Western Blot analysis of A549, 22RV-1, HepG2, mouse spleen, mouse liver cells using TALL-1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100