

TALL-1 Polyclonal Antibody

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|------------------------------|---|
| 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;

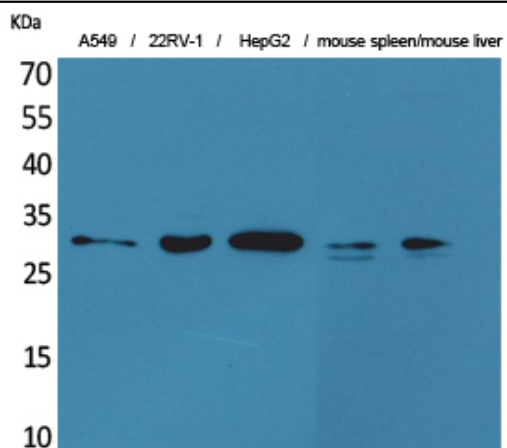
Background : The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. 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

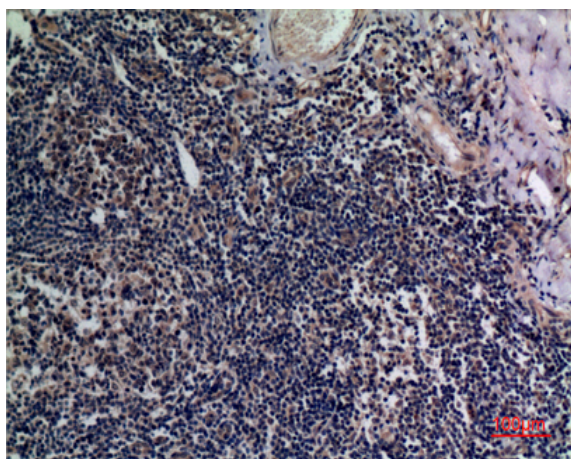
Subcellular Location : Cell membrane; Single-pass type II membrane protein.; [Tumor necrosis factor ligand superfamily member 13b, soluble form]: Secreted.

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