

## LT $\beta$ R Polyclonal Antibody

<b>Catalog No :</b>	YT2602
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IF;ELISA
<b>Target :</b>	LT $\beta$ R
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>NF-kappa B signaling pathway;>>HIF-1 signaling pathway;>>Intestinal immune network for IgA production;>>Human T-cell leukemia virus 1 infection;>>Viral carcinogenesis
<b>Gene Name :</b>	LTBR
<b>Protein Name :</b>	Tumor necrosis factor receptor superfamily member 3
<b>Human Gene Id :</b>	4055
<b>Human Swiss Prot No :</b>	P36941
<b>Mouse Gene Id :</b>	17000
<b>Mouse Swiss Prot No :</b>	P50284
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human LTBR. AA range:11-60
<b>Specificity :</b>	LT $\beta$ R Polyclonal Antibody detects endogenous levels of LT $\beta$ R protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	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 :** 50kD

---

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

---

**Background :** lymphotoxin beta receptor(LTBR) Homo sapiens This gene encodes a member of the tumor necrosis factor receptor superfamily. The major ligands of this receptor include lymphotoxin alpha/beta and tumor necrosis factor ligand superfamily member 14. The encoded protein plays a role in signalling during the development of lymphoid and other organs, lipid metabolism, immune response, and programmed cell death. Activity of this receptor has also been linked to carcinogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Aug 2012],

---

**Function :** function:Receptor for the heterotrimeric lymphotoxin containing LTA and LTB, and for TNFS14/LIGHT. Promotes apoptosis via TRAF3 and TRAF5. May play a role in the development of lymphoid organs.,similarity:Contains 4 TNFR-Cys repeats.,subunit:Self-associates. Associates with TRAF3, TRAF4 and TRAF5. Interacts with HCV core protein.,

---

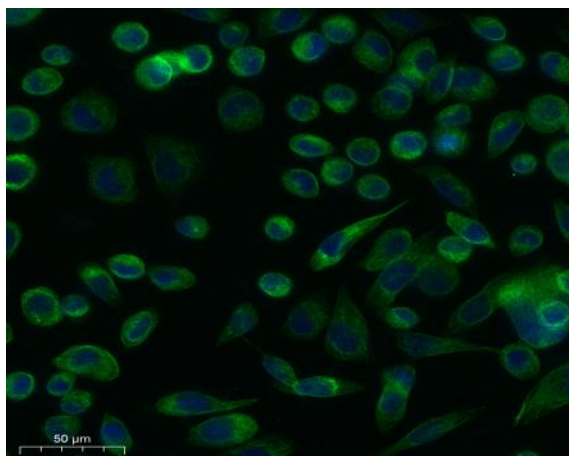
**Subcellular Location :** Membrane; Single-pass type I membrane protein.

---

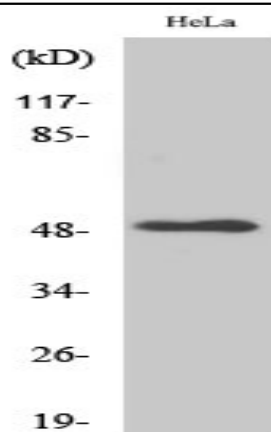
**Expression :** Liver,Lung,

---

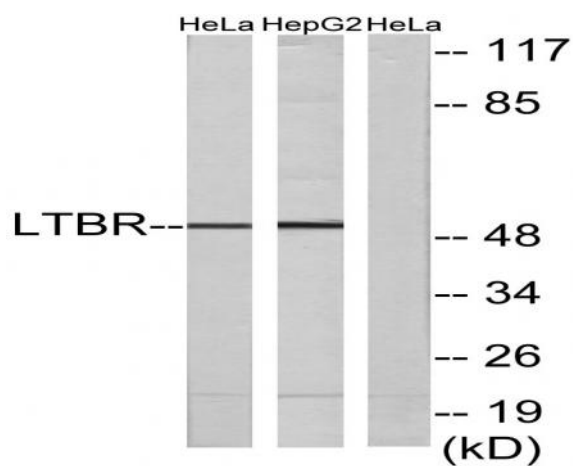
## Products Images



Immunofluorescence analysis of SiHa cell. 1,primary Antibody was diluted at 1:100(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - AFluor 488 Secondary antibody (catalog No:RS3211) was diluted at 1:500(room temperature, 50min).



Western Blot analysis of various cells using LTβR Polyclonal Antibody



Western blot analysis of lysates from HeLa and HepG2 cells, using LTBR Antibody. The lane on the right is blocked with the synthesized peptide.