



LT β R Polyclonal Antibody

Catalog No	YP-Ab-13401
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IF;ELISA
Gene Name	LTBR
Immunogen	The antiserum was produced against synthesized peptide derived from human LTBR. AA range:11-60
Specificity	LT β R Polyclonal Antibody detects endogenous levels of LT β R protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	D12S370;LT BETA R;Lymphotoxin beta receptor;Lymphotoxin-beta receptor;TNF R III;LT β R;LTBR;Tumor necrosis factor receptor superfamily member 3;TNFCR;TNFR3;TNFRSF3;Tumor necrosis factor C receptor;Tumor necrosis factor receptor 2-related protein;Tumor necrosis factor receptor type II
Observed Band	50kD
Calculated Molecular Weight	50kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Liver,Lung,
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.,



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],

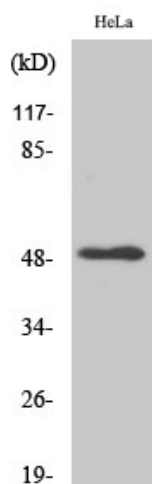
matters needing attention

Avoid repeated freezing and thawing!

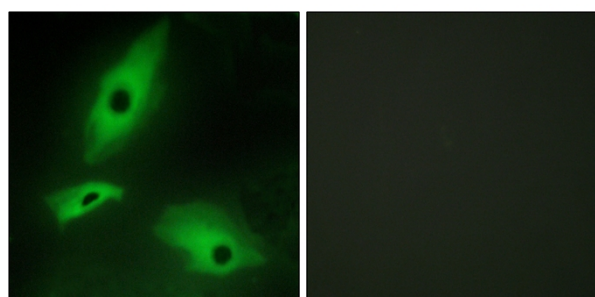
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

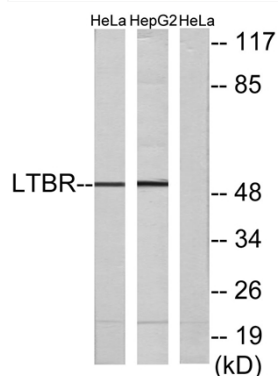
Products Images



Western Blot analysis of various cells using LTBR Polyclonal Antibody



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



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