



Rabbit Anti-LTBR antibody

SL6917R

Product Name:	LTBR
Chinese Name:	淋巴毒素-β受抗体
Alias:	LT beta R; LTβETAR; Ltbr; Lymphotoxin B receptor; Lymphotoxin beta receptor (TNFR superfamily, member 3); Lymphotoxin beta receptor; Lymphotoxin-beta receptor; TNF R III; TNF-RIII; TNFCR; TNFR RP; TNFR superfamily member 3; TNFR-III; TNFR2 RP; TNFR2RP; TNFR3; TNFRII; TNFRRP; TNFRSF 3; TNFRSF3; TNFR3_HUMAN; Tumor necrosis factor C receptor; Tumor necrosis factor receptor 2 related protein; Tumor necrosis factor receptor 2-related protein; Tumor necrosis factor receptor superfamily member 3; Tumor necrosis factor receptor superfamily member 3 precursor; Tumor necrosis factor receptor type III.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	44kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LTBR:351-435/435
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

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:

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.

Subunit:

Self-associates. Associates with TRAF3, TRAF4 and TRAF5. Interacts with HCV core protein.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Similarity:

Contains 4 TNFR-Cys repeats.

Product Detail:

SWISS:

P36941

Gene ID:

4055

Database links:

[Entrez Gene: 4055](#)Human

[Entrez Gene: 17000](#)Mouse

[Omin: 600979](#)Human

[SwissProt: P36941](#)Human

[SwissProt: P50284](#)Mouse

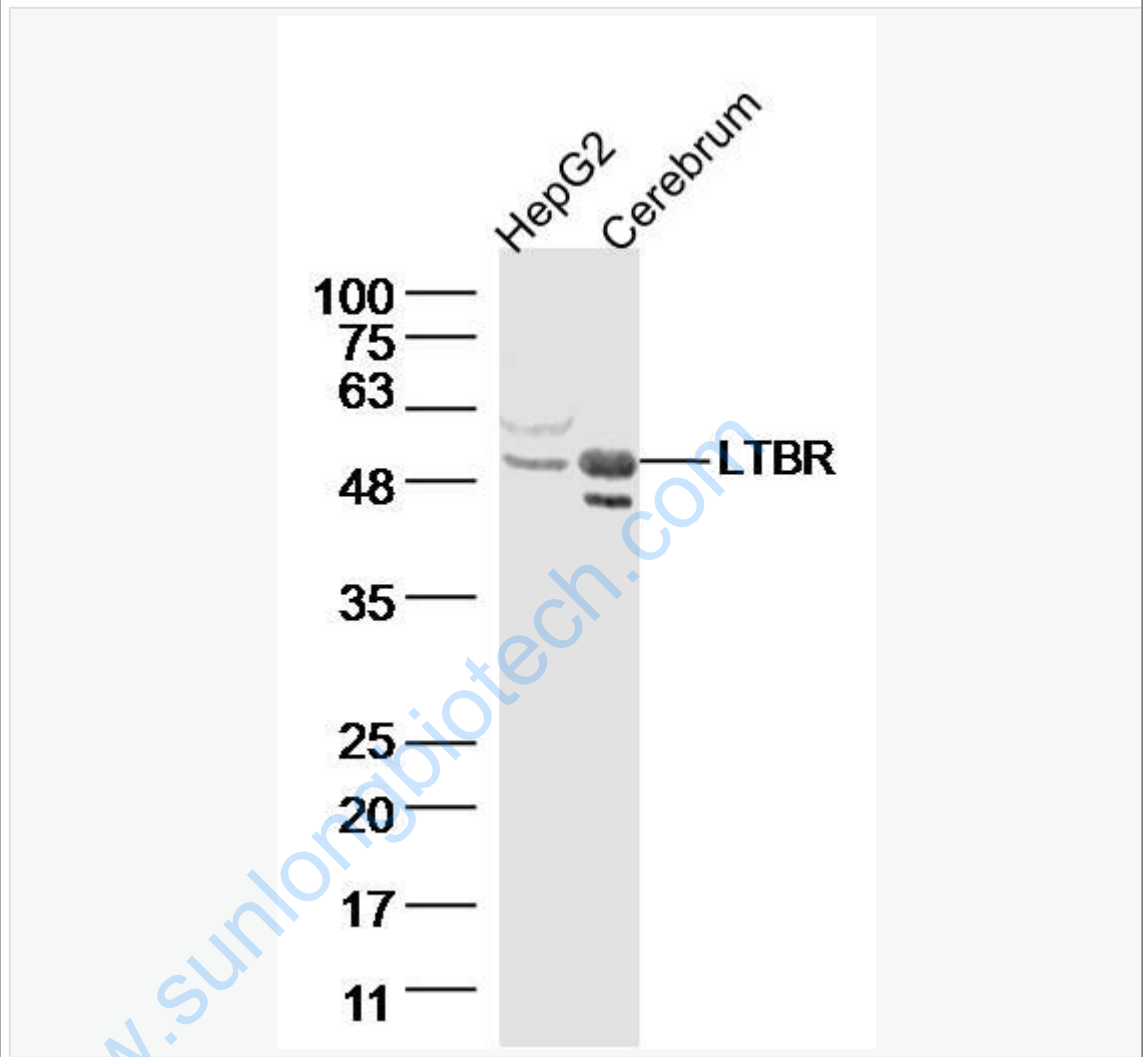
[Unigene: 1116](#)Human

[Unigene: 3122](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

HepG2 cell(human) Lysate at 40 ug

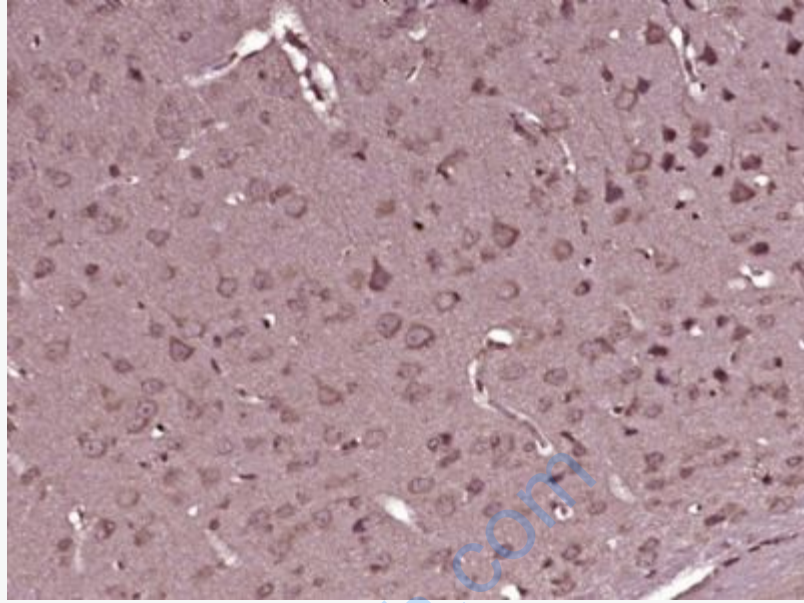
Cerebrum(mouse) Lysate at 40 ug

Primary: Anti-LTBR (SL6917R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 44kD

Observed band size: 54 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LTBR) Polyclonal Antibody, Unconjugated (SL6917R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.