

LTBR Rabbit pAb

Catalog # AP97685

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P36941
Other Accession	P36941
Reactivity	Rat, Human, Mouse
Predicted	Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46709
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LTBR
Epitope Specificity	351-435/435
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SIMILARITY	Contains 4 TNFR-Cys repeats.
SUBUNIT	Self-associates. Associates with TRAF3, TRAF4 and TRAF5. Interacts with HCV core protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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].

Additional Information

Gene ID	4055
Other Names	D12S370; LT-BETA-R; TNF-R-III; TNFCR; TNFR-RP; TNFR2-RP; TNFR3; TNFRSF3; LTbetaR; Ltarg; TNFRrp; Tnfbr; TNFR3_HUMAN; LTBR; Lymphotoxin-beta receptor; Tumor necrosis factor C receptor; Tumor necrosis factor receptor 2-related protein; Tumor necrosis factor receptor type III (TNF-RIII TNFR-III); TNFR3_MOUSE; lymphotoxin beta receptor; TNFR superfamily, member 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	LTBR
Synonyms	D12S370, TNFCR, TNFR3, TNFRSF3
Function	Receptor for the heterotrimeric lymphotoxin containing LTA and LTB, and for TNFS14/LIGHT (PubMed: 24248355). Activates NF-kappa-B signaling pathway upon stimulation with lymphotoxin (LTA(1)-LTB(2)) (PubMed: 24248355). Promotes apoptosis via TRAF3 and TRAF5. May play a role in the development of lymphoid organs.
Cellular Location	Membrane; Single-pass type I membrane protein.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.