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Anti-LTBR Antibody

Catalog # AP51323

Product Information

Application	WB, IF/IC
Primary Accession	P36941
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46709

Additional Information

Gene ID	4055
Other Names	D12S370; TNFCR; TNFR3; TNFRSF3; Tumor necrosis factor receptor superfamily member 3; 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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human LTBR. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

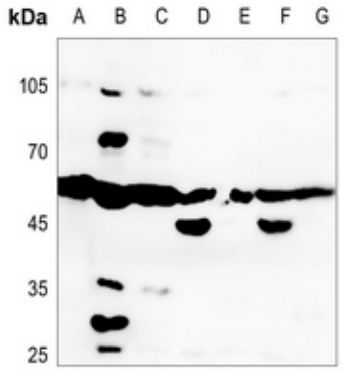
Protein Information

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.

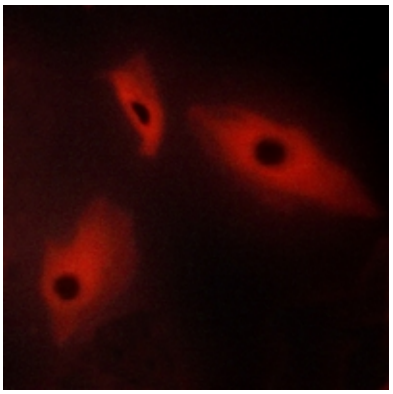
References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Crowe P.D.,et al.Science 264:707-710(1994).

Images



Western blot analysis of LTBR expression in HEK293T (A), Hela (B), DLD (C), mouse brain (D), mouse testis (E), rat brain (F), rat testis (G) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 55 kD)



Immunofluorescent analysis of LTBR staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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