

CD30 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58244

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q60846
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53216
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse TNFRSF
Epitope Specificity	51-150/498
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Isoform Long: Cell membrane; Single-pass type I membrane protein.Isoform Short: Cytoplasm.
SIMILARITY	Contains 6 TNFR-Cys repeats
SUBUNIT	Interacts with TRAF1, TRAF2, TRAF3 and TRAF5.
Post-translational modifications	Phosphorylated on serine and tyrosine residues.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	21941
Other Names	Tumor necrosis factor receptor superfamily member 8, Tnfrsf8 {ECO:0000312 MGI:MGI:99908}
Target/Specificity	Detected in thymus and in activated splenocytes.
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000

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

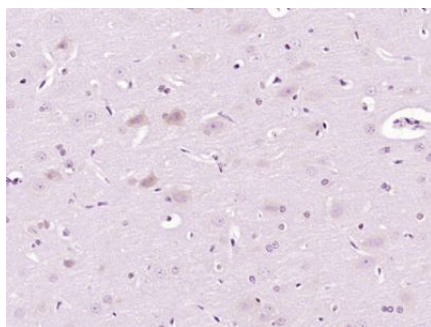
Name Tnfrsf8 {ECO:0000312 | MGI:MGI:99908}

Function Receptor for TNFSF8/CD30L (PubMed: [8543792](#)). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa- B (By similarity).

Cellular Location Cell membrane; Single-pass type I membrane protein

Tissue Location Detected in thymus and in activated splenocytes.

Images



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (CD30) Polyclonal Antibody, Unconjugated (AP58244) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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