

TNFRSF8-Y479 Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP4912d

Product Information

Application	WB, IHC-P, E
Primary Accession	P28908
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB15532
Calculated MW	63747
Antigen Region	458-487

Additional Information

Gene ID	943
Other Names	Tumor necrosis factor receptor superfamily member 8, CD30L receptor, Ki-1 antigen, Lymphocyte activation antigen CD30, CD30, TNFRSF8, CD30, D1S166E
Target/Specificity	This TNFRSF8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 458-487 amino acids from human TNFRSF8.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TNFRSF8-Y479 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TNFRSF8 (HGNC:11923)
Function	Receptor for TNFSF8/CD30L (PubMed: 8391931). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa- B (PubMed: 8999898).

Cellular Location	[Isoform 1]: Cell membrane; Single-pass type I membrane protein
Tissue Location	[Isoform 2]: Detected in alveolar macrophages (at protein level).

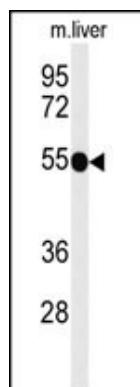
Background

TNFRSF8 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.

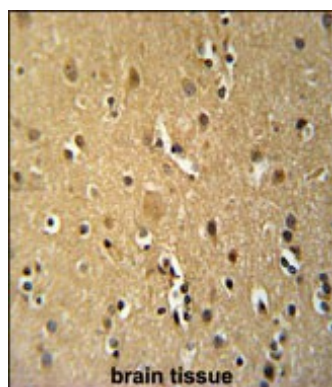
References

Braun, F.K., et al. J. Invest. Dermatol. 130(3):826-840(2010)
 Azarpira, N., et al. Saudi J Kidney Dis Transpl 21(1):31-36(2010)
 Edinger, J.T., et al. Am. J. Surg. Pathol. 33(12):1860-1868(2009)

Images



Western blot analysis of TNFRSF8-Y479 (Cat. #AP4912d) in mouse liver tissue lysates (35ug/lane). TNFRSF8 (arrow) was detected using the purified Pab.



TNFRSF8-Y479 Antibody (Cat. #AP4912d) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TNFRSF8-Y479 Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

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