

TREML1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18683B

Specification

TREML1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q86YW5
Other Accession	NP_835468.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32679
Antigen Region	215-241

TREML1 Antibody (C-term) - Additional Information

Gene ID 340205

Other Names

Trem-like transcript 1 protein, TLT-1, Triggering receptor expressed on myeloid cells-like protein 1, TREML1, TLT1

Target/Specificity

This TREML1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 215-241 amino acids from the C-terminal region of human TREML1.

Dilution

WB~~1:1000

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

TREML1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TREML1 Antibody (C-term) - Protein Information

Name TREML1

Synonyms TLT1

Function Cell surface receptor that may play a role in the innate and adaptive immune response.

Cellular Location

Cell membrane; Single-pass type I membrane protein Cytoplasm. Note=Sequestered in cytoplasmic vesicles in resting platelets (PubMed:15100151) Transported to the cell surface after stimulation by thrombin (PubMed:15100151). Soluble fragments can be released into the serum by proteolysis (PubMed:16505478)

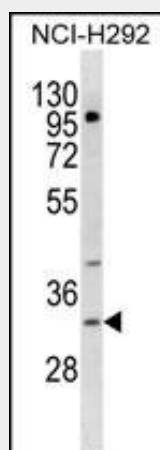
Tissue Location

Detected in platelets, monocytic leukemia and in T- cell leukemia.

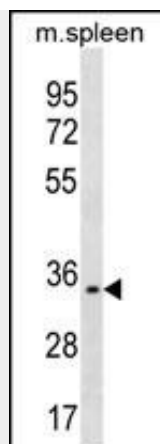
TREML1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TREML1 Antibody (C-term) - Images

TREML1 Antibody (C-term) (Cat. #AP18683b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the TREML1 antibody detected the TREML1 protein (arrow).



TREML1 Antibody (C-term) (Cat. #AP18683b) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the TREML1 antibody detected the TREML1 protein (arrow).

TREML1 Antibody (C-term) - Background

TREML1 is located in a gene cluster on chromosome 6 with the single Ig variable (IgV) domain activating receptors TREM1 (MIM 605085) and TREM2 (MIM 605086), but it has distinct structural and functional properties. TREML1 enhances calcium signaling in an SHP2 (PTPN11; MIM 176876)-dependent manner (Allcock et al., 2003 [PubMed 12645956]; Barrow et al., 2004 [PubMed 15128762]). [supplied by OMIM].

TREML1 Antibody (C-term) - References

Morales, J., et al. Blood Coagul. Fibrinolysis 21(3):229-236(2010)
Washington, A.V., et al. J. Clin. Invest. 119(6):1489-1501(2009)
Ford, J.W., et al. Curr. Opin. Immunol. 21(1):38-46(2009)
Nurden, A.T., et al. Thromb. Haemost. 100(1):45-51(2008)
Giomarelli, B., et al. Thromb. Haemost. 97(6):955-963(2007)