10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VPREB1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19300C

Specification

VPREB1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P12018
Other Accession	NP_009059.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**16605**
Antigen Region	**71-99**

VPREB1 Antibody (Center) - Additional Information

Gene ID 7441

Other Names
Immunoglobulin iota chain, CD179 antigen-like family member A, Protein VPreB1, V(pre)B protein, VpreB protein, CD179a, VPREB1, VPREB

Target/Specificity
This VPREB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-99 amino acids from the Central region of human VPREB1.

Dilution
WB~~1:1000

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
VPREB1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

VPREB1 Antibody (Center) - Protein Information

Name VPREB1

Synonyms VPREB

Function Associates with the Ig-mu chain to form a molecular complex that is expressed on the surface of pre-B-cells. This complex presumably regulates Ig gene rearrangements in the early steps of B- cell differentiation.

Cellular Location
Endoplasmic reticulum {ECO:0000250|UniProtKB:P13372}

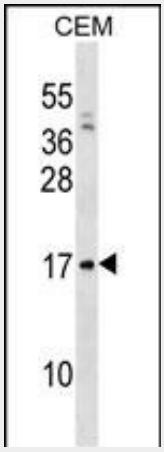
Tissue Location
Only expressed by pre-B-cells.

VPREB1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

VPREB1 Antibody (Center) - Images



VPREB1 Antibody (Center)(Cat. #AP19300c) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the VPREB1 antibody detected the VPREB1 protein (arrow).

VPREB1 Antibody (Center) - Background

The protein encoded by this gene belongs to the immunoglobulin superfamily and is expressed selectively at the early stages of B cell development, namely, in proB and early preB cells. This gene encodes the iota polypeptide chain that is associated with the Ig-mu chain to form a molecular complex which is expressed on the surface of pre-B cells. The complex is thought to regulate Ig gene rearrangements in the early steps of B-cell differentiation.

VPREB1 Antibody (Center) - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Wu, C., et al. Proteomics 7(11):1775-1785(2007)
Rossi, B., et al. J. Immunol. 177(2):796-803(2006)
Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :
Gauthier, L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(20):13014-13019(2002)