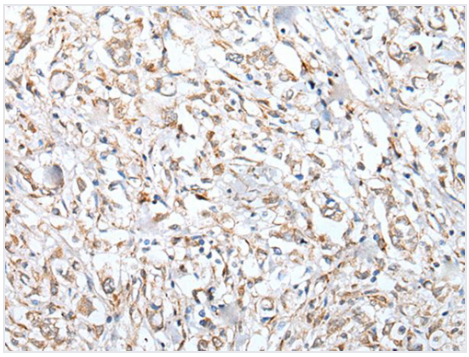
VPREB3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	VPREB3, Polyclonal Antibody
Full Product Name	VPREB3 Antibody
Product Gene Name	anti-VPREB3 antibody
Product Synonym Names	8HS20; N27C7-2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Concentration	0.7mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total VPREB3 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	13,710 Da
OMIM	AF163825 mRNA
3D Structure	ModBase 3D Structure for Q9UKI3
Immunogen	Fusion protein of human VPREB3
Immunogen Type	Protein
Product Categories/Family for anti-VPREB3 antibody	Total protein Ab
Applications Tested/Suitable for anti-VPREB3 antibody	Immunohistochemistry (IHC)
Application Notes for anti-VPREB3 antibody	Immunohistochemistry: 1: 20-100
Related Product Information for anti-VPREB3 antibody	The protein encoded by this gene is the human ortholog of the mouse VpreB3 (8HS20) protein, is thought to be involved in B-cell maturation, and may play a role in assembly of the pre-B cell receptor (pre-BCR). While the role of this protein in B-cell development has not yet been elucidated, studies with the chicken ortholog of this protein have found that when overexpressed, this protein localizes to the endoplasmic reticulum. The mouse ortholog of this protein has been shown to associate with membrane mu heavy chains early in the course of pre-B cell receptor biosynthesis. Expression of this gene has been observed in some lymphomas.
Other Notes	Small volumes of anti-VPREB3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for VPREB3 purchase	MBS9417013 is an antibody targeting VPREB3. Also known as VPREB3 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-VPREB3 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using VPREB3 Antibody at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VPREB3. It may not necessarily be applicable to this product.

NCBI GI #	7019567
NCBI GeneID	29802
NCBI Accession #	NP_037510.1
UniProt Primary Accession #	Q9UKI3
UniProt Secondary Accession #	B2R587
UniProt Related Accession #	Q9UKI3
GenBank Nucleotide #	NM_013378.2
NCBI Official Full Name	pre-B lymphocyte protein 3
NCBI Official Synonym Full Names	pre-B lymphocyte 3
NCBI Official Symbol	VPREB3
NCBI Official Synonym Symbols	8HS20; N27C7-2
UniProt Protein Name	Pre-B lymphocyte protein 3
UniProt Synonym Protein Names	N27C7-2; Protein VPreB3
Protein Family	Pre-B lymphocyte protein
UniProt Gene Name	VPREB3
UniProt Entry Name	VPRE3_HUMAN
NCBI Protein Information	pre-B lymphocyte protein 3
UniProt Comments for VPREB3	VPREB3: Associates with the Ig-mu chain to form a molecular complex that is expressed on the surface of pre-B-cells. Belongs to the immunoglobulin superfamily. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 22q11.23|22q11 Cellular Component: extracellular space Biological Process: immune response; immunoglobulin production
Research Articles on VPREB3	**1.** A possible role for VPREB3 in aldosterone biosynthesis.

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