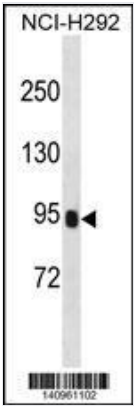
PRSS36v Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRSS36v, Polyclonal Antibody
Full Product Name	PRSS36v (PRSS36, Polyserase-2, Polyserine protease 2, Serine protease 36) (Biotin)
Product Gene Name	anti-PRSS36v antibody
Product Synonym Gene Name	PRSS36
Product Synonym Names	PRSS36; Polyserase-2; Polyserine protease 2; Serine protease 36
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	91,422 Da
OMIM	AJ627034 mRNA
3D Structure	ModBase 3D Structure for Q5K4E3
Immunogen	PRSS36 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-317 amino acids from the Central region of human PRSS36.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-PRSS36v antibody	Antibodies; Enzymes; Protease (Proteinase; Peptidase)
Applications Tested/Suitable for anti-PRSS36v antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PRSS36v antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-PRSS36v antibody	Serine protease. Hydrolyzes the peptides N-t-Boc-Gln-Ala-Arg-AMC and N-t-Boc-Gln-Gly-Arg-AMC and, to a lesser extent, N-t-Boc-Ala-Phe-Lys-AMC and N-t-Boc-Val-Leu-Lys-AMC. Has a preference for substrates with an Arg instead of a Lys residue in position P1.
Product References and Citations for anti-PRSS36v antibody	Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005). Cal, S., et al. J. Biol. Chem. 280(3):1953-1961(2005).
Other Notes	Small volumes of anti-PRSS36v 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 PRSS36v purchase	MBS6337954 is an antibody targeting PRSS36v. Also known as PRSS36v (PRSS36, Polyserase-2, Polyserine protease 2, Serine protease 36) (Biotin). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-PRSS36v antibody
PRSS36 Antibody (Center) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the PRSS36 antibody detected the PRSS36 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRSS36v. It may not necessarily be applicable to this product.

NCBI GI #	58218970
NCBI GeneID	146547
NCBI Accession #	NP_775773.2
UniProt Primary Accession #	Q5K4E3
UniProt Secondary Accession #	Q8NBY4; A8K2P5; B4DW80; B7ZMK8; E7EX56
UniProt Related Accession #	Q5K4E3
GenBank Nucleotide #	NM_173502.4
NCBI Official Full Name	polyserase-2 isoform 1
NCBI Official Synonym Full Names	protease, serine 36
NCBI Official Symbol	PRSS36
UniProt Protein Name	Polyserase-2
UniProt Synonym Protein Names	Polyserine protease 2; Serine protease 36
UniProt Gene Name	PRSS36
NCBI Protein Information	polyserase-2
UniProt Comments for PRSS36v	PRSS36: Serine protease. Hydrolyzes the peptides N-t-Boc-Gln- Ala-Arg-AMC and N-t-Boc-Gln-Gly-Arg-AMC and, to a lesser extent, N-t-Boc-Ala-Phe-Lys-AMC and N-t-Boc-Val-Leu-Lys-AMC. Has a preference for substrates with an Arg instead of a Lys residue in position P1. Belongs to the peptidase S1 family. Protein type: EC 3.4.21.-; Protease; Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 16p11.2 Cellular Component: cytoplasm; proteinaceous extracellular matrix Molecular Function: serine-type endopeptidase activity Biological Process: proteolysis

Research Articles on PRSS36v	**1.** analysis of post-translational processing mechanisms of polyserase-2 revealed that this novel polyprotein is a secreted enzyme whose three protease domains remain as an integral part of a single polypeptide chain
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