

PRSS3 rabbit monoclonal antibody

Catalog # H00005646-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PRSS3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PRSS3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PRSS3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PRSS3

Entrez GeneID	5646
GeneBank Accession#	PRSS3
Gene Name	PRSS3
Gene Alias	MTG, PRSS4, TRY3, TRY4
Gene Description	protease, serine, 3
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000045395 brain trypsinogen mesotrypsin mesotrypsinogen pancreatic trypsinogen III protease, serine, 4 (trypsin 4, brain) trypsin 3 trypsinogen 4 trypsinogen 5 trypsinogen IV

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatitis](#)