

Datasheet for ABIN2786708
anti-PRSS3 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PRSS3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRSS3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PRSS3
Sequence:	VAVPFDDDDK IVGGYTCEEN SLPYQVSLNS GSHFCGGS LI SEQWVVSAAH
Predicted Reactivity:	Cow: 91%, Dog: 92%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 92%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PRSS3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PRSS3
Alternative Name:	PRSS3 (PRSS3 Products)

Target Details

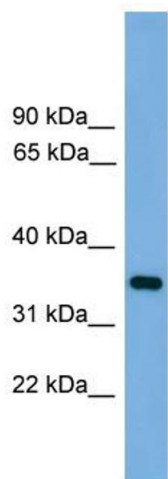
Background:	<p>This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene.</p> <p>Alias Symbols: MTG, PRSS4, TRY3, TRY4, T9</p> <p>Protein Interaction Partner: ALB, HDGF, UBC, SERPINA1, TFPI, APP,</p> <p>Protein Size: 304</p>
Molecular Weight:	33 kDa
Gene ID:	5646
NCBI Accession:	NM_007343 , NP_031369
UniProt:	P35030

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 304 AA
Restrictions:	For Research Use only

Handling

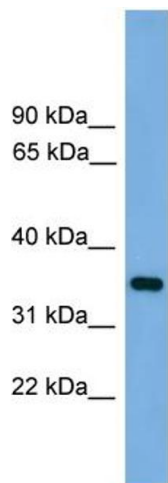
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PRSS3 Antibody Titration:
0.2-1 ug/ml

Positive Control: Human Muscle



Rabbit Anti-PRSS3 Antibody
Catalog Number: ARP56447
Lot Number: QC29057
Lane: Fetal Muscle Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-PRSS3
Antibody Titration: 0.2-1 µg/mL
Positive Control: Human Muscle