

Datasheet for ABIN656189
anti-TMPRSS15 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	TMPRSS15
Binding Specificity:	AA 964-994, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS15 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PRSS7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 964-994 amino acids from the C-terminal region of human PRSS7.
Clone:	RB05297
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TMPRSS15
Alternative Name:	PRSS7 (TMPRSS15 Products)

Target Details

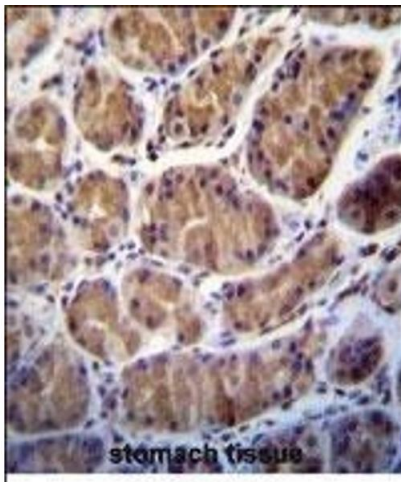
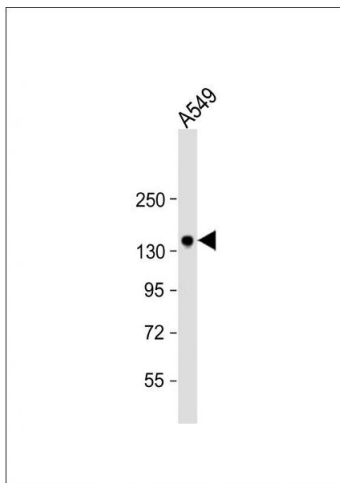
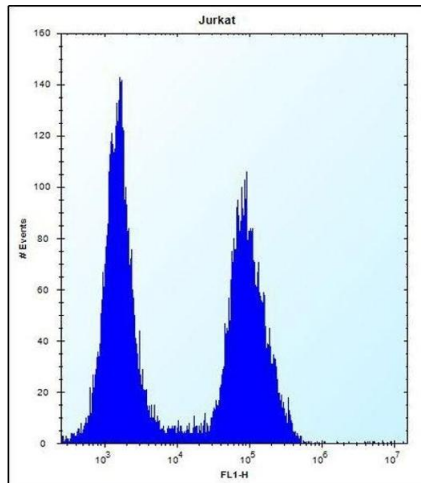
Background:	This gene encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. This protein is a member of the trypsin family of peptidases. Mutations in this gene cause enterokinase deficiency, a malabsorption disorder characterized by diarrhea and failure to thrive.
Molecular Weight:	112935
Gene ID:	5651
NCBI Accession:	NP_002763
UniProt:	P98073

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	PRSS7 Antibody (C-term E979) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Flow Cytometry

Image 1. PRSS7 Antibody (C-term) (ABIN656189 and ABIN2845515) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Anti-PRSS7 Antibody at 1:1000 dilution + A549 whole cell lysate. Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 113 kDa. Blocking/Dilution buffer: 5 % NFDm/TBST.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. PRSS7 Antibody (C-term) (ABIN656189 and ABIN2845515) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PRSS7 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.