

## Product datasheet for **AP53473PU-N**

### Enterokinase (TMPRSS15) (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 963-995 amino acids from the C-terminal region of Human PRSS7
Specificity:	This antibody recognizes Human PRSS7 (C-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) Sodium Azide
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transmembrane protease, serine 15
Database Link:	<a href="#">Entrez Gene 5651 Human P98073</a>



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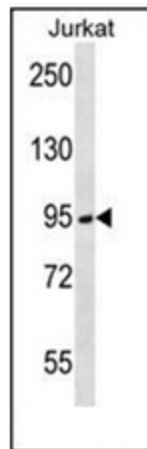
**Background:** This gene encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. This protein 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.

**Synonyms:** Enteropeptidase, Enterokinase, Serine protease 7

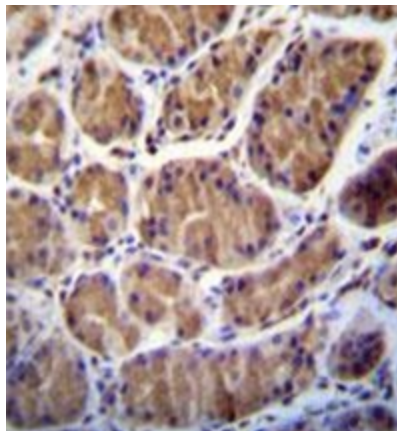
**Note:** **Molecular Weight:** 112925 Da

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Western blot analysis of PRSS7 / ENTK Antibody in Jurkat cell line lysates (35ug/lane). This demonstrates the PRSS7 antibody detected the PRSS7 protein (arrow).



Formalin fixed and paraffin embedded human stomach tissue stained with PRSS7 / ENTK Antibody followed by peroxidase conjugation of the secondary antibody and DAB staining