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PRSS2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13719C

Specification

PRSS2 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	P07478
Other Accession	NP_002761.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**26488**
Antigen Region	**80-108**

PRSS2 Antibody (Center) - Additional Information

Gene ID 5645

Other Names
Trypsin-2, Anionic trypsinogen, Serine protease 2, Trypsin II, PRSS2, TRY2, TRYP2

Target/Specificity
This PRSS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 80-108 amino acids from the Central region of human PRSS2.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PRSS2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PRSS2 Antibody (Center) - Protein Information

Name PRSS2

Synonyms TRY2, TRYP2

Function In the ileum, may be involved in defensin processing, including DEFA5.

Cellular Location
Secreted, extracellular space.

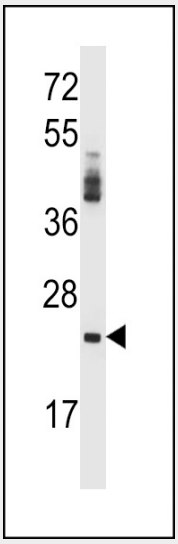
Tissue Location
Expressed in Paneth cells, at the base of small intestinal crypts.

PRSS2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

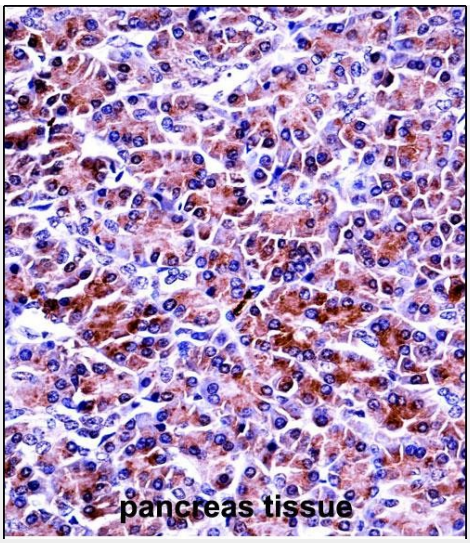
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PRSS2 Antibody (Center) - Images



PRSS2 Antibody (Center) (Cat. #AP13719c) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the PRSS2 antibody detected the PRSS2 protein (arrow).

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PRSS2 Antibody (Center) (AP13719c)immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PRSS2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

PRSS2 Antibody (Center) - Background

This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7.

PRSS2 Antibody (Center) - References

Felderbauer, P., et al. Exp. Clin. Endocrinol. Diabetes (2010) In press :
Gao, J., et al. Oncol. Rep. 23(6):1683-1692(2010)
Cevik, Y., et al. Ulus Travma Acil Cerrahi Derg 16(2):125-129(2010)
Andersen, A.M., et al. Pancreas 39(1):26-30(2010)
Johansen, D., et al. Pancreatology 10 (2-3), 229-237 (2010) :