

PRSSL1 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19873b

Specification

PRSSL1 Antibody(C-term) - Product Information

Application	WB, IF, FC,E
Primary Accession	Q6UWY2
Other Accession	Q6IE59 , Q14B24 , NP_999875.1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	225-254

PRSSL1 Antibody(C-term) - Additional Information

Gene ID 400668

Other Names

Serine protease 57, 3421-, Serine protease 1-like protein 1, PRSS57, PRSSL1

Target/Specificity

This PRSSL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 225-254 amino acids from the C-terminal region of human PRSSL1.

Dilution

WB~~1:2000
IF~~1:50~200
FC~~1:10~50
E~~Use at an assay dependent concentration.

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

PRSSL1 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PRSSL1 Antibody(C-term) - Protein Information

Name PRSS57

Synonyms PRSSL1

Function Serine protease that cleaves preferentially after Arg residues (PubMed:[22474388](#), PubMed:[23904161](#), PubMed:[25156428](#)). Can also cleave after citrulline (deiminated arginine) and methylarginine residues (PubMed:[25156428](#)).

Cellular Location

Cytoplasmic granule lumen. Secreted. Note=Stored in cytoplasmic granules and secreted as active enzyme in response to stimulation of neutrophils.

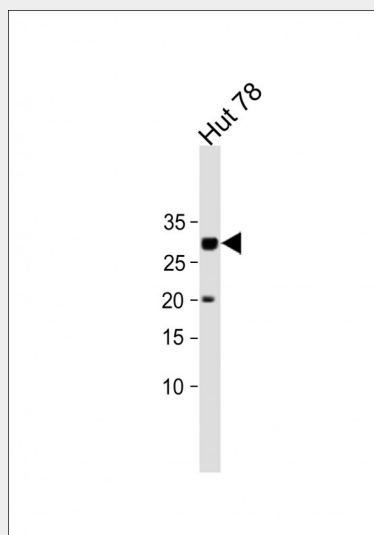
Tissue Location

Detected in peripheral blood neutrophil granulocytes, but not in other types of leukocytes. Detected in neutrophils and neutrophil precursors in bone marrow (at protein level) (PubMed:[22474388](#), PubMed:[23904161](#)). Detected in myeloblasts and promyelocytes in bone marrow (PubMed:[23904161](#))

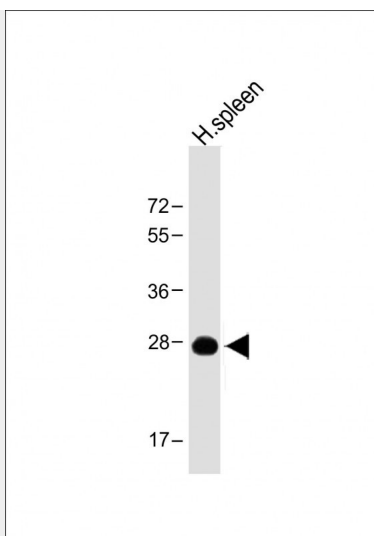
PRSSL1 Antibody(C-term) - Protocols

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

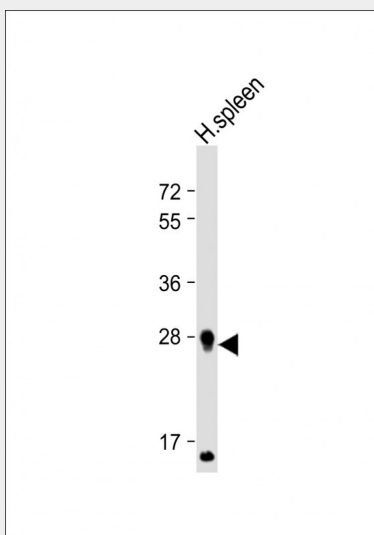
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRSSL1 Antibody(C-term) - Images

All lanes: Anti-PRSSL1 Antibody (C-term) at 1:1000 dilution + Hut 78 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 30 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-PRSSL1 Antibody (C-term) at 1:4000 dilution + Human spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-PRSSL1 Antibody (C-term) at 1:2000 dilution + Human spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

PRSSL1 Antibody(C-term) - Background

The function of this protein is unknown.

PRSSL1 Antibody(C-term) - References

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
Polikoff, D., et al. Cytogenet. Cell Genet. 79 (1-2), 147-148 (1997) :