

PRSS2 polyclonal antibody

Catalog: BS61619

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene belongs to the trypsin family of serine proteases and encodes anionic trypsinogen. It is part of a cluster of trypsinogen genes that are located within the T cell receptor beta locus. Enzymes of this family cleave peptide bonds that follow lysine or arginine residues. This protein is found at high levels in pancreatic juice and its upregulation is a characteristic feature of pancreatitis. This protein has also been found to activate pro-urokinase in ovarian tumors, suggesting a function in tumor invasion. In addition, this enzyme is able to cleave across the type II collagen triple helix in rheumatoid arthritis synovitis tissue, potentially participating in the degradation of type II collagen-rich cartilage matrix. Alternative splicing results in multiple transcript variants.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 26 kDa

Swiss-Prot:

P07478

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PRSS2 polyclonal antibody detects endogenous levels of PRSS2 protein.

DATA:



Western blot (WB) analysis of PRSS2 polyclonal antibody at 1:500 dilution

Lane1: HT102 whole cell lysate(40ug)

Lane2: SW620 whole cell lysate(40ug)

Lane3: CT26 whole cell lysate(40ug)

Lane4: PC12 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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