

Anti-Human PRSS3 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06071

3th Edition

Description: This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene. PRSS3 (Protease, Serine 3) is a Protein Coding gene. Diseases associated with PRSS3 include Thyroiditis and Pancreatitis. Among its related pathways are Collagen chain trimerization and Defensins. GO annotations related to this gene include calcium ion binding and serine-type peptidase activity. An important paralog of this gene is PRSS2.

Antigen: Synthesized peptide derived from the Internal region of human Trypsin-3.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in pancreas and brain. Also expressed in Paneth cells, at the base of small intestinal crypts.