



TRY2 Polyclonal Antibody

Catalog No	YP-Ab-07138
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	PRSS2 TRY2 TRYP2
Immunogen	Synthesized peptide derived from human protein . at AA range: 40-120
Specificity	TRY2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PRSS2;Trypsin-2;TRYP2;TRY2;EC:3.4.21.4;PRSS2 TRY2 TRYP2;Trypsin-2 (EC 3.4.21.4) (Anionic trypsinogen) (Serine protease 2) (Trypsin II)
Observed Band	27kD
Calculated Molecular Weight	27kD
Cell Pathway	Secreted, extracellular space.
Tissue Specificity	Expressed in Paneth cells, at the base of small intestinal crypts.
Function	catalytic activity:Preferential cleavage: Arg-I-Xaa, Lys-I-Xaa.,cofactor:Binds 1 calcium ion per subunit.,PTM:Sulfated on tyrosine.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 peptidase S1 domain.,
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.[provided by RefSeq, Jan 2015],

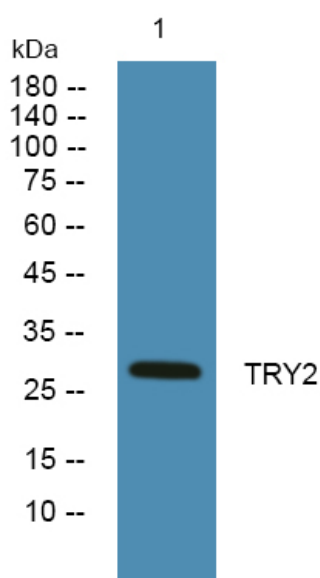
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night