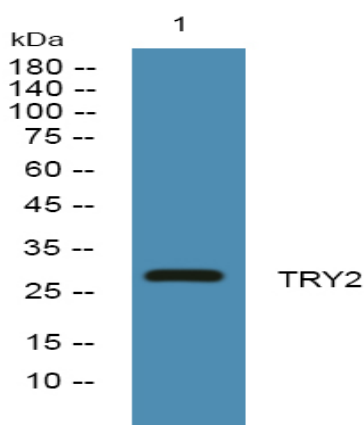


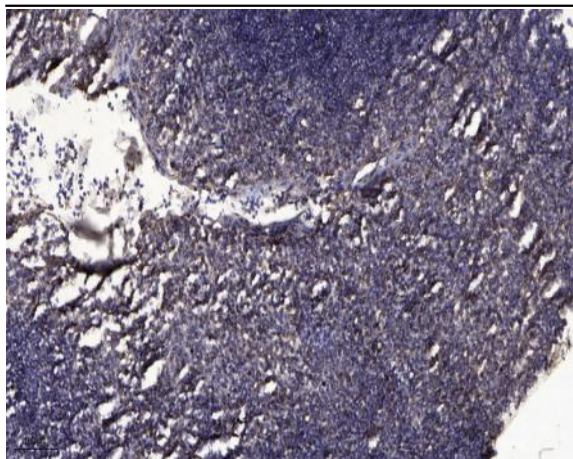
TRY2 Polyclonal Antibody

Catalog No :	YT6185
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;WB
Target :	TRY2
Fields :	>>Neuroactive ligand-receptor interaction;>>Pancreatic secretion;>>Protein digestion and absorption;>>Influenza A
Gene Name :	PRSS2 TRY2 TRYP2
Protein Name :	TRY2
Human Gene Id :	5645
Human Swiss Prot No :	P07478
Immunogen :	Synthesized peptide derived from human TRY2
Specificity :	This antibody detects endogenous levels of human TRY2
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:50-200, WB 1:500-2000. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	27kD

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],
Function :	catalytic activity:Preferential cleavage: Arg- -Xaa, Lys- -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.,
Subcellular Location :	Secreted, extracellular space.
Expression :	Expressed in Paneth cells, at the base of small intestinal crypts.
Sort :	23625
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images





Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).