

Immunotag™ TRY2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2276
Product Description	Immunotag™ TRY2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TRY2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 40-120
Specificity	TRY2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PRSS2 TRY2 TRYP2
Accession No.	P07478 P07146 P00763

Antibody Specification

Description	protease, serine 2(PRSS2) Homo sapiens 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],
Cell Pathway/ Category	Neuroactive ligand-receptor interaction,
Protein Expression	Ovary,PCR rescued clones,Prostate,
Subcellular Localization	extracellular region,extracellular space,extracellular matrix,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.