



# TRY2 rabbit pAb

Cat No.:ES12540

For research use only

## Overview

<b>Product Name</b>	TRY2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;WB
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	IHC-p 1:50-200, WB 1:500-2000
<b>Immunogen</b>	Synthesized peptide derived from human TRY2
<b>Specificity</b>	This antibody detects endogenous levels of human TRY2
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	TRY2
<b>Gene Name</b>	PRSS2 TRY2 TRYP2
<b>Cellular localization</b>	Secreted, extracellular space.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	27kD
<b>Human Gene ID</b>	5645
<b>Human Swiss-Prot Number</b>	P07478
<b>Alternative Names</b>	Trypsin-2 (EC 3.4.21.4;Anionic trypsinogen;Serine protease 2;Trypsin II)
<b>Background</b>	<p>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.</p> <p>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</p>



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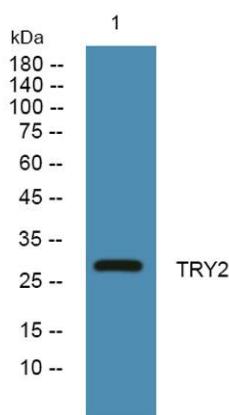
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activate pro-urokinase in ovarian tumors, suggesting a function in tumor invasion. In addition, this enzyme is able to cleave across the type II collagen triple helix in rheumatoid arthritis synovitis tissue, potentially participating in the degradation of type II collagen-rich cartilage matrix. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2015],



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).

