



YN4294

# TRY6 rabbit pAb

<b>Catalog No</b>	BYab-09134
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	TRY6 T6
<b>Protein Name</b>	TRY6
<b>Immunogen</b>	Synthesized peptide derived from human TRY6 AA range: 21-71
<b>Specificity</b>	This antibody detects endogenous levels of TRY6 at Human
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Secreted .
<b>Tissue Specificity</b>	Overexpressed in metastasing in non small cell lung tumors, leading to an enhanced cell migration.
<b>Function</b>	catalytic activity:Preferential cleavage: Arg- -Xaa, Lys- -Xaa.,caution:Tyr-154 was proposed to be phosphorylated (PubMed:8683601) but it has been shown (PubMed:17087724) to be sulfated instead. Phosphate and sulfate groups are similar in mass and size, and this can lead to erroneous interpretation of the results.,cofactor:Binds 1 calcium ion per subunit.,disease:Defects in PRSS1 are a cause of hereditary pancreatitis (HPC) [MIM:167800]; also known as chronic pancreatitis (CP). HPC is an autosomal dominant disease characterized by the

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presence of calculi in pancreatic ducts. It causes severe abdominal pain attacks.,function:Has activity against the synthetic substrates Boc-Phe-Ser-Arg-Mec, Boc-Leu-Thr-Arg-Mec, Boc-Gln-Ala-Arg-Mec and Boc-Val-Pro-Arg-Mec. The single-chain form is more active than the two-chain form against all of these substrates.,mass spectrometry: PubMed:8683601,PTM:Occ

**Background**

Although this locus appears to encode a protein similar to trypsinogen, the locus is thought to be a transcribed pseudogene. ESTs support its transcription, but expression of its predicted protein has not been observed. Its predicted protein sequence differs significantly from the known functional trypsinogens, including a different amino acid at the conserved residue 122 which is important for autolysis. This pseudogene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq, Jul 2008],

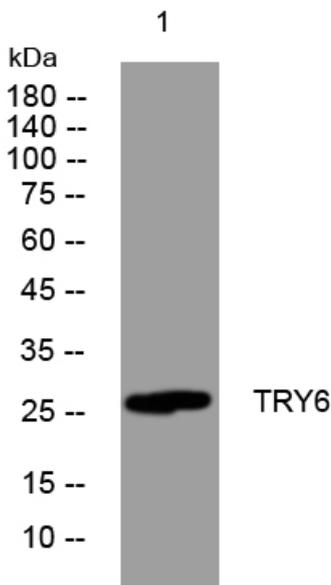
**matters needing attention**

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 SW480 cells, primary antibody was diluted at 1:1000, 4° over night