

# TRYB1 Polyclonal Antibody

Cat No: HR1AP13084

For research use only

## Overview

Product Name	TRYB1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	30kDa
GeneID?Human?	TPSAB1 TPS1 TPS2 TPSB1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>trypsin alpha/beta 1(TPSAB1) Homo sapiens Trypsins comprise a family of trypsin-like serine proteases, the peptidase family S1. Trypsins are enzymatically active only as heparin-stabilized tetramers, and they are resistant to all known endogenous proteinase inhibitors. Several trypsin genes are clustered on chromosome 16p13.3. These genes are characterized by several distinct features. They have a highly conserved 3' UTR and contain tandem repeat sequences at the 5' flank and 3' UTR which are thought to play a role in regulation of the mRNA stability. These genes have an intron immediately upstream of the initiator Met codon, which separates the site of transcription initiation from protein coding sequence. This feature is characteristic of trypsin genes but is unusual in other genes. The alleles of this gene exhibit an unusual amount of sequence variation, such that the alleles were once thought to represent two separate genes</p>