

YB1 (phospho-Ser102) rabbit pAb

Cat No.:ES12267

For research use only

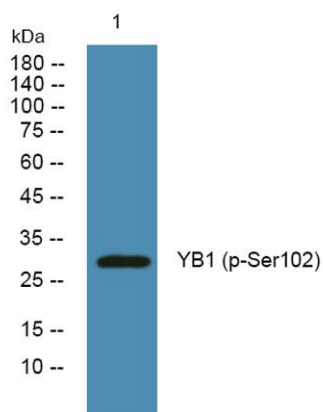
Overview

Product Name	YB1 (phospho-Ser102) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthesized phospho peptide around human YB1 (Ser102)
Specificity	This antibody detects endogenous levels of Human Mouse YB1 (phospho-Ser102)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	YB1 (Ser102)
Gene Name	TPSAB1 TPS1 TPS2 TPSB1
Cellular localization	Secreted. Released from the secretory granules upon mast cell activation. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	30kD
Human Gene ID	7177
Human Swiss-Prot Number	Q15661
Alternative Names	Tryptase alpha/beta-1 (Tryptase-1) (EC 3.4.21.59) (Tryptase I) (Tryptase alpha-1)
Background	Tryptases comprise a family of trypsin-like serine proteases, the peptidase family S1. Tryptases are enzymatically active only as heparin-stabilized tetramers, and they are resistant to all known endogenous proteinase inhibitors. Several tryptase 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 tryptases 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 gene



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night

