RPA135 rabbit pAb

Cat No.:ES7737

For research use only

Overview

Product Name	RPA135 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the Internal region of human RPA135.
Specificity	RPA135 Polyclonal Antibody detects endogenous levels of RPA135 protein.
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	DNA-directed RNA polymerase I subunit RPA2
Gene Name	POLR1B
Cellular localization	Nucleus, nucleolus . Chromosome .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	125kD
Human Gene ID	84172
Human Swiss-Prot Number	Q9H9Y6
Alternative Names	POLR1B; DNA-directed RNA polymerase I subunit RPA2; RNA polymerase I subunit 2; DNA-directed RNA polymerase I 135 kDa polypeptide; RPA135
Background	Eukaryotic RNA polymerase I (pol I) is responsible for the transcription of ribosomal RNA (rRNA) genes and production of rRNA, the primary component of ribosomes. Pol I is a multisubunit enzyme composed of 6 to 14 polypeptides, depending on the species.

Most of the mass of the pol I complex derives from the 2 largest subunits, Rpa1 and Rpa2 in yeast. POLR1B is homologous to Rpa2 (Seither and Grummt, 1996 [PubMed 8921381]).[supplied by OMIM, Mar 2008],

Immunohistochemical analysis of paraffin-embedded human tonsil.   1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).