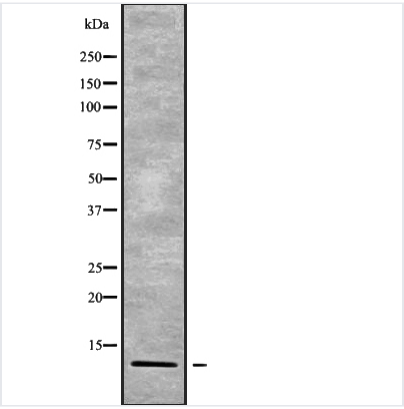
RPAB4 Antibody

PRODUCT OVERVIEW

Product Name	RPAB4, Antibody
Full Product Name	RPAB4 Antibody
Product Gene Name	anti-RPAB4 antibody
Molecular Weight	7,004 Da
OMIM	606033
3D Structure	ModBase 3D Structure for P53803
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-RPAB4 antibody	MBS8518478 is an antibody targeting RPAB4. Also known as RPAB4 Antibody.
Other Notes	Small volumes of anti-RPAB4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-RPAB4 antibody
Western blot analysis RPAB4 using Jurkat whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPAB4. It may not necessarily be applicable to this product.

NCBI GI #	4826924
NCBI GeneID	5440
NCBI Accession #	NP_005025.1
UniProt Primary Accession #	P53803
UniProt Secondary Accession #	Q6IBD4
UniProt Related Accession #	P53803
GenBank Nucleotide #	NM_005034.3
NCBI Official Full Name	DNA-directed RNA polymerases I, II, and III subunit RPABC4

NCBI Official Synonym Full Names	RNA polymerase II subunit K
NCBI Official Symbol	POLR2K
NCBI Official Synonym Symbols	RPB12; RPABC4; RPB7.0; hRPB7.0; hsRPB10a; RPB10alpha; ABC10-alpha
UniProt Protein Name	DNA-directed RNA polymerases I, II, and III subunit RPABC4
UniProt Synonym Protein Names	ABC10-alpha; DNA-directed RNA polymerase II subunit K; RNA polymerase II 7.0 kDa subunit; RPB7.0; RPB10alpha
UniProt Gene Name	POLR2K
UniProt Synonym Gene Names	RNA polymerases I, II, and III subunit ABC4; RPB7.0
NCBI Protein Information	DNA-directed RNA polymerases I, II, and III subunit RPABC4
NCBI Summary for RPAB4	This gene encodes one of the smallest subunits of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases. [provided by RefSeq, Jul 2008]
UniProt Comments for RPAB4	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and a small RNAs, such as 5S rRNA and tRNAs, respectively.
Research Articles on RPAB4	**1.** Observational study of gene-disease association and gene-gene interaction. (HuGE Navigator)
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Online datasheet: https://www.mybiosource.com/antibody/rpab4/8518478