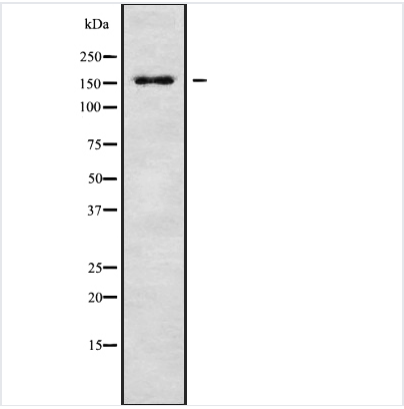
RPAP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RPAP1, Polyclonal Antibody
Full Product Name	RPAP1 Antibody
Product Gene Name	anti-RPAP1 antibody
Product Synonym Names	DKFZP727M111; FLJ12732; KIAA1403; MGC858; RNA polymerase II associated protein 1; RNA polymerase II-associated protein 1; Rpap1; RPAP1_HUMAN
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	RPAP1 antibody detects endogenous levels of total RPAP1
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	RPAP1 peptide (MBS9628894) is used for blocking the activity of RPAP1 antibody (MBS9610190)
Molecular Weight	Observed: 153 kDa Predicted: 153 kDa
3D Structure	ModBase 3D Structure for Q9BWH6
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human RPAP1
Subcellular Location	Nucleus.
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RPAP1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-RPAP1 antibody	WB: 1:1000-3000
Related Product Information for anti-RPAP1 antibody	Function: Forms an interface between the RNA polymerase II enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation. Required for interaction of the RNA polymerase II complex with acetylated histone H3. Subunit Structure: Part of an RNA polymerase II complex that contains POLR2A, POLR2B, POLR2C, POLR2D, POLR2E, POLR2F, POLR2G, POLR2H, POLR2I, POLR2J, POLR2K, POLR2L, RPAP1, FCP1 plus the general transcription factors TFIIB and TFIIF. Similarity: Belongs to the RPAP1 family.

Other Notes	Small volumes of anti-RPAP1 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.
Searchable Terms for RPAP1 purchase	MBS9610190 is an antibody targeting RPAP1. Also known as RPAP1 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RPAP1 antibody
Western blot analysis of RPAP1 using MCF7 whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPAP1. It may not necessarily be applicable to this product.

NCBI GI #	24430139
NCBI GeneID	26015
NCBI Accession #	NP_056355.2
UniProt Primary Accession #	Q9BWH6
UniProt Secondary Accession #	Q9H9I2; Q9NSQ5; Q9P2E4; Q9UFS7
UniProt Related Accession #	Q9BWH6
GenBank Nucleotide #	NM_015540.3
NCBI Official Full Name	RNA polymerase II-associated protein 1
NCBI Official Synonym Full Names	RNA polymerase II associated protein 1
NCBI Official Symbol	RPAP1
UniProt Protein Name	RNA polymerase II-associated protein 1
Protein Family	RNA polymerase II-associated protein
UniProt Gene Name	RPAP1
UniProt Synonym Gene Names	KIAA1403
NCBI Protein Information	RNA polymerase II-associated protein 1
NCBI Summary for RPAP1	This protein forms part of the RNA polymerase II (RNAPII) enzyme complex and may recruit RNAPII to chromatin through its interaction with acetylated histones. [provided by RefSeq, Jul 2012]
UniProt Comments for RPAP1	Forms an interface between the RNA polymerase II enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation. Required for interaction of the RNA polymerase II complex with acetylated histone H3.
Research Articles on RPAP1	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)

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