

RNA Polymerases I/II/III Subunit ABC1 Monoclonal Antibody | anti-RNA antibody

RNA Polymerases I/II/III Subunit ABC1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314439	Recombinant Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

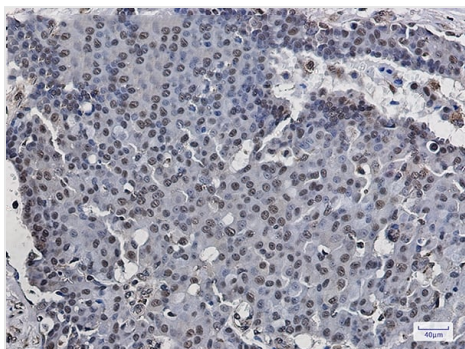
PRODUCT SYNONYMS

RNA Polymerases I/II/III Subunit ABC1; Monoclonal Antibody; RNA Polymerases I/II/III Subunit ABC1 Rabbit mAb; RPB5; XAP4; RPABC1; hRPB25; hsRPB5; anti-RNA antibody

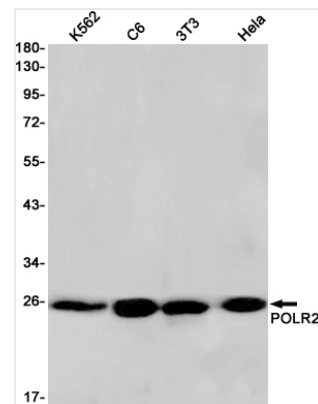
PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S05-8J5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-RNA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human POLR2E
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of POLR2E in paraffin-embedded Human breast cancer tissue using POLR2E Rabbit mAb at dilution 1/20



WB (Western Blot)
Western blot detection of POLR2E in K562,C6,3T3,Hela cell lysates using POLR2E Rabbit mAb(1:1000 diluted).Predicted band size:25kDa.Observed band size:25kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RNA antibody	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 small RNAs, such as 5S rRNA and tRNAs, respectively. Pol II is the central component of the basal RNA polymerase II transcription machinery. Pols are composed of mobile elements that move relative to each other. In Pol II, POLR2E/RPB5 is part of the lower jaw surrounding the central large cleft and thought to grab the incoming DNA template. Seems to be the major component in this process.
Product Categories/Family for anti-RNA antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589951
NCBI GeneID	5434
NCBI Accession #	NP_002686.2
NCBI GenBank Nucleotide #	NM_002695.3
UniProt Accession #	P19388; O43380; Q6PIH5; Q9BT06; B2R6L4; D6W5Y1
Molecular Weight	24,551 Da
NCBI Official Full Name	DNA-directed RNA polymerases I, II, and III subunit RPABC1
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide E, 25kDa
NCBI Official Symbol	POLR2E
NCBI Official Synonym Symbols	RPB5; XAP4; RPABC1; hRPB25; hsRPB5
NCBI Protein Information	DNA-directed RNA polymerases I, II, and III subunit RPABC1; RPB5 homolog; DNA-directed RNA polymerase II subunit E; RNA polymerases I, II, and III subunit ABC1; DNA directed RNA polymerase II 23 kda polypeptide; DNA-directed RNA polymerase II 23 kDa polyp
UniProt Protein Name	DNA-directed RNA polymerases I, II, and III subunit RPABC1
UniProt Gene Name	POLR2E
UniProt Synonym Gene Names	RNA polymerases I, II, and III subunit ABC1
UniProt Entry Name	RPAB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rna-polymerases-i-ii-iii-subunit-abc1-antibody-clone-s05-8j5-immunohistochemistry-western-blot-elisa/314439>