

Rabbit POLR2A Polyclonal Antibody | anti-POLR2A antibody

POLR2A (Phospho-Ser1619) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316113	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

POLR2A; Polyclonal Antibody; POLR2A (Phospho-Ser1619) Antibody; DNA-directed RNA polymerase II largest subunit; RNA pol II largest subunit; RNA polymerase II 220 kd subunit; RPB1; anti-POLR2A antibody

PRODUCT SPECIFICATIONS

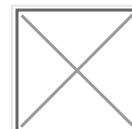
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	POLR2A (Phospho-Ser1619) Antibody detects endogenous levels of POLR2A only when phosphorylated at Ser1619.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	566
Applicable Applications for anti-POLR2A antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S1619; M:S1619; R:S1619
Immunogen	The antiserum was produced against synthesized peptide derived from human POLR2A around the phosphorylation site of Ser1619.
Immunogen Range	1585-1634
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from COS7 cells treated with EGF 200ng/ml 30', using POLR2A (Phospho-Ser1619) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using POLR2A (Phospho-Ser1619) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells treated with PMA 125ng/ml 30', using POLR2A (Phospho-Ser1619) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505939
NCBI GeneID	5430
NCBI Accession #	NP_000928.1
NCBI GenBank Nucleotide #	NM_000937.4
UniProt Accession #	P24928 ; Q6NX41 ; A6NN93 ; B9EH88
Molecular Weight	217 kDa
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB1
NCBI Official Synonym Full Names	RNA polymerase II subunit A
NCBI Official Symbol	POLR2A
NCBI Official Synonym Symbols	RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; RplILS; hsRPB1; hRPB220
NCBI Protein Information	DNA-directed RNA polymerase II subunit RPB1
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB1
UniProt Gene Name	POLR2A
UniProt Synonym Gene Names	POLR2; RNA polymerase II subunit B1

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/polyclonal/polr2a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/316113>