

Rabbit anti-Human, Mouse RNA Polymerase II Polyclonal Antibody | anti-POLR2A antibody

Rabbit anti-Phospho RNA Polymerase II (S2) IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213995	Rabbit	Human, Mouse	Immunohistochemistry

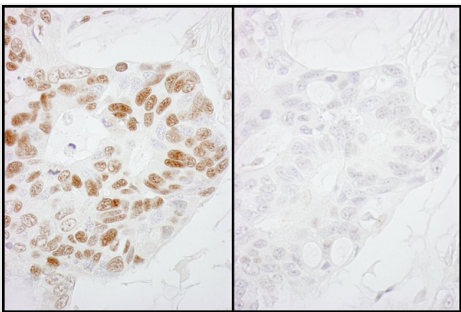
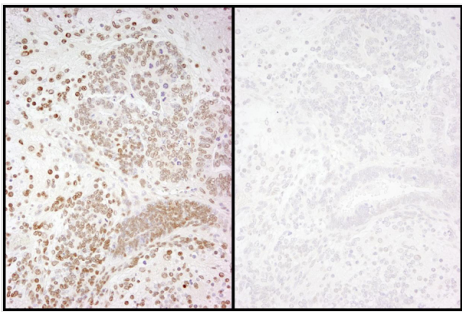
PRODUCT SYNONYMS

RNA Polymerase II; Polyclonal Antibody; Rabbit anti-Phospho RNA Polymerase II (S2) IHC Antibody; Affinity Purified; Phospho (S2); RPBh1; RPOL2; RpiILS; RPB1; RNA-directed RNA polymerase II subunit RPB1; RNA polymerase II subunit B1; polymerase (RNA) II subunit A; polymerase (RNA) II (DNA directed) polypeptide A; 220kDa; POLR2; hSRPB1; hRPB220; DNA-directed RNA polymerase III largest subunit; DNA-directed RNA polymerase II subunit RPB1; DNA-directed RNA polymerase II subunit A; DNA-directed RNA polymerase II largest subunit; RNA polymerase II 220 kd subunit; POLRA; RPO2; RNA polymerase II subunit A; anti-POLR2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-POLR2A antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Rat, D. melanogaster, Zebrafish, X. tropicalis, Bovine, Dog, Rabbit, Pig, Panda, Orangutan, Monkey, Gorilla, Chimpanzee, Brassicaceae, Eukaryota, Rhodophyta, Purple false brome, African elephant, Barrel medic, White campion_37657, Sorghum_4558, Amoeba_5755, Mouse-ear cress, African rice, Potato, White-tufted-ear marmoset, Small-eared galago, West Indian ocean coelacanth, Purple sea urchin, Honeybee, Leafcutter ant, Castor bean, Tasmanian devil, Chinese hamster, Nile tilapia, Fruit fly_7266, Microsporidian parasite_284813, Spikemoss_88036, Japanese pufferfish, Fission yeast, Pacific transparent sea squirt, Moss_145481, Yeast_284811, Gray short-tailed opossum, Green anole, Grape, Baker's yeast_559292, Northern white-cheeked gibbon, Rice, Naked mole rat, Soybean, Two-rowed barley, Slime mold_44689, African malaria mosquito, Caenorhabditis briggsae, Caenorhabditis elegans, Silk moth, Lyre-leaved rock-cress_81972, Thirteen-lined ground squirrel, Spotted green pufferfish, Choanoflagellate, Fruit fly_46245, Yeast_294746, Little brown bat
Immunogen	Surrounding serine 2
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)
Detection of mouse Phospho-RNA Polymerase II (S2) by immunohistochemistry. Samples: FFPE serial sections of mouse teratoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho-RNA Polymerase II (S2). Antibody: Affinity purified rabbit anti-Phospho-RNA Polymerase II (S2) (Cat. No. AAA213995) used at a dilution of 1:250. Detection: DAB

IHC (Immunohistochemistry)
Detection of human Phospho-RNA Polymerase II (S2) by immunohistochemistry. Samples: FFPE serial sections of human ovarian carcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho-RNA Polymerase II (S2). Antibody: Affinity purified rabbit anti-Phospho-RNA Polymerase II (S2) (Cat. No. AAA213995) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2A antibody	RNA polymerase II is a DNA-dependent RNA polymerase that catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. RNA polymerase II subunit B1 (RPB1) is the largest and catalytic component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. It forms the polymerase active center together with the second largest subunit [taken from NCBI Entrez Gene (Gene ID: 5430)].
Product Categories/Family for anti-POLR2A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505939
NCBI GeneID	5430
NCBI Accession #	NP_000928.1
NCBI GenBank Nucleotide #	NM_000937.4
UniProt Accession #	P24928; A6NN93; B9EH88
Molecular Weight	217,176 Da
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB1
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide A, 220kDa
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; RNA polymerase II subunit B1; DNA-directed RNA polymerase II subunit A; RNA-directed RNA polymerase II subunit RPB1; DNA-directed RNA polymerase III largest subunit; DNA-directed RNA polymerase II largest subun
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB1
UniProt Gene Name	POLR2A
UniProt Synonym Gene Names	POLR2; RNA polymerase II subunit B1
UniProt Entry Name	RPB1_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/polyclonal/rna-polymerase-ii-antibody-immunohistochemistry-elisa/213995>