

Rabbit POLR3A Polyclonal Antibody | anti-POLR3A antibody

POLR3A Antibody

CATALOG # AAA225306	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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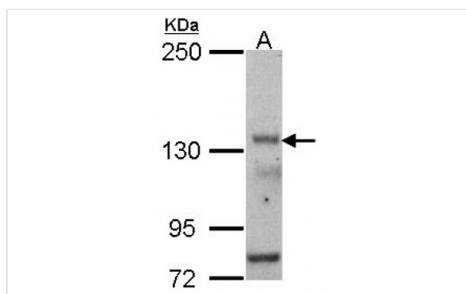
PRODUCT SYNONYMS

POLR3A; Polyclonal Antibody; POLR3A Antibody; Affinity Purified Rabbit Polyclonal POLR3A Antibody; Polyclonal POLR3A antibody; Anti-POLR3A antibody; hRPC155 antibody; RNA polymerase III subunit RPC155-D antibody; POLRA-3; POLRA 3; RNA polymerase III subunit C160 antibody; POLRA 3 antibody; RPC155 antibody; DNA-directed RNA polymerase III subunit RPC1 antibody; POLR3A antibody; RPC1 antibody; POLRA-3 antibody; DNA-directed RNA polymerase III subunit A antibody; anti-POLR3A antibody

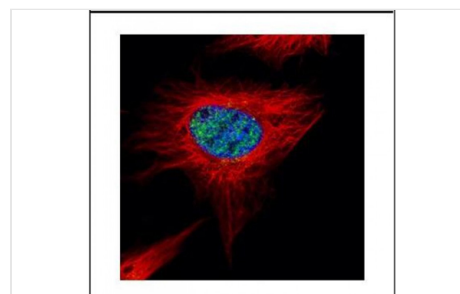
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.89 mg/ml (varies by lot)
Sequence Length	162
Applicable Applications for anti-POLR3A antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	POLR3A antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 182 and 482 of POLR3A
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HCT116) using a 5% SDS PAGE gel and POLR3A antibody at a dilution of 1:500


IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using POLR3A antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-POLR3A antibody	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Largest and catalytic core component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Forms the polymerase active center together with the second largest subunit. A single stranded DNA template strand of the promoter is positioned within the central active site cleft of Pol III. A bridging helix emanates from RPC1 and crosses the cleft near the catalytic site and is thought to promote translocation of Pol III by acting as a ratchet that moves the RNA-DNA hybrid through the active site by switching from straight to bent conformations at each step of nucleotide addition.
Product Categories/Family for anti-POLR3A antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	31417307
NCBI GeneID	11128
Molecular Weight	156 kDa
NCBI Official Full Name	POLR3A protein
NCBI Official Synonym Full Names	RNA polymerase III subunit A
NCBI Official Symbol	POLR3A
NCBI Official Synonym Symbols	ADDH; HLD7; RPC1; WDRTS; RPC155; hRPC155
NCBI Protein Information	DNA-directed RNA polymerase III subunit RPC1

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/polr3a-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225306>