

Rabbit RPC8 Polyclonal Antibody | anti-RPC8 antibody

RPC8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324679	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

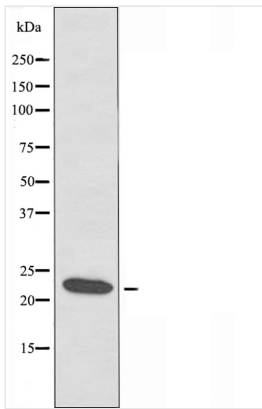
PRODUCT SYNONYMS

RPC8; Polyclonal Antibody; RPC8 Antibody; DNA directed polymerase III subunit 22.9 kDa polypeptide; DNA directed RNA polymerase III subunit H; DNA directed RNA polymerase III subunit RPC8; Polymerase (RNA) III (DNA directed) polypeptide H (22.9kD); RNA nucleotidyltransferase (DNA directed); RNA polymerase III subunit C8; anti-RPC8 antibody

PRODUCT SPECIFICATIONS

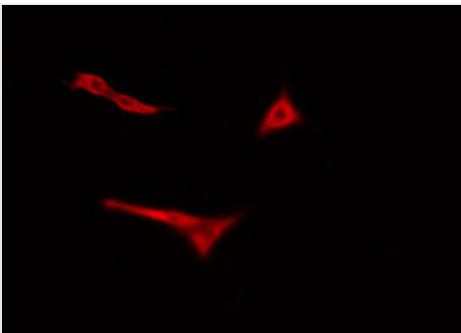
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPC8 antibody detects endogenous levels of total RPC8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	204
Applicable Applications for anti-RPC8 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nuclear
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (88%), Bovine (100%), Horse (100%), Sheep (88%), Rabbit (100%), Dog (100%), Xenopus (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using RPC8 antibody.



IF (Immunofluorescence)

AAA324679 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPC8 antibody	Function: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts, such as Epstein-Barr virus-encoded RNAs (EBERs) induce type I interferon and NF-Kappa-B through the RIG-I pathway (By similarity). Subunit Structure: Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits (By similarity). Interacts with CRCP/RPC9. POLR3H/RPC8 and CRCP/RPC9 probably form a Pol III subcomplex. Similarity: Belongs to the eukaryotic RPB7/RPC8 RNA polymerase subunit family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	65301161
NCBI GeneID	171568
NCBI Accession #	NP_001018060.1
NCBI GenBank Nucleotide #	NM_001018050.3
UniProt Accession #	Q9Y535; Q5M7Y8; Q96AE3; Q9BY95; B0QYH9
Molecular Weight	Observed: 23 kD Predicted: 23 kDa
NCBI Official Full Name	DNA-directed RNA polymerase III subunit RPC8 isoform a
NCBI Official Synonym Full Names	RNA polymerase III subunit H
NCBI Official Symbol	POLR3H
NCBI Official Synonym Symbols	RPC8; RPC22.9
NCBI Protein Information	DNA-directed RNA polymerase III subunit RPC8
UniProt Protein Name	DNA-directed RNA polymerase III subunit RPC8
UniProt Gene Name	POLR3H
UniProt Synonym Gene Names	KIAA1665; RPC8; RNA polymerase III subunit C8; RPC22.9

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/rpc8-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324679>