

Rabbit POLD1 Monoclonal Antibody | anti-POLD1 antibody

POLD1 Rabbit mAb

CATALOG # AAA269208	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

POLD1; Monoclonal Antibody; POLD1 Rabbit mAb; CDC2; CRCS10; MDPL; POLD; anti-POLD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R05-3H1
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
Applicable Applications for anti-POLD1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human DNA Polymerase delta, catalytic subunit
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry analysis of POLD1 (green) in K562 using POLD1 antibody, and DAPI(blue).



WB (Western Blot)

Western blot analysis of POLD1 in K562, C6, 3T3, HeLa lysates using POLD1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-POLD1 antibody	Possesses two enzymatic activities: DNA synthesis (polymerase) and an exonucleolytic activity that degrades single stranded DNA in the 3'- to 5'-direction. Required with its accessory proteins (proliferating cell nuclear antigen (PCNA) and replication factor C (RFC) or activator 1) for leading strand synthesis. Also involved in completing Okazaki fragments initiated by the DNA polymerase alpha/primase complex
Product Categories/Family for anti-POLD1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	379030588
NCBI GeneID	5424

NCBI Accession #	NP_001243778.1
NCBI GenBank Nucleotide #	NM_001256849.1
UniProt Accession #	P28340 ; Q8NER3 ; Q96H98
Molecular Weight	123,631 Da
NCBI Official Full Name	DNA polymerase delta catalytic subunit
NCBI Official Synonym Full Names	polymerase (DNA directed), delta 1, catalytic subunit
NCBI Official Symbol	POLD1
NCBI Official Synonym Symbols	CDC2; POLD; CRCS10
NCBI Protein Information	DNA polymerase delta catalytic subunit; CDC2 homolog; DNA polymerase subunit delta p125; polymerase (DNA directed), delta 1, catalytic subunit 125kDa
UniProt Protein Name	DNA polymerase delta catalytic subunit
UniProt Gene Name	POLD1
UniProt Synonym Gene Names	POLD
UniProt Entry Name	DPOD1_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/pold1-antibody-clone-r05-3h1-immunofluorescence-immunocytochemistry-western-blot-elisa/269208>