

Rabbit Polymerase DNA Directed Delta 1 Polyclonal Antibody | anti-POLd antibody

Polymerase DNA Directed Delta 1 (POLd) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144988	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Polymerase DNA Directed Delta 1; Polyclonal Antibody; Polymerase DNA Directed Delta 1 (POLd) Polyclonal Antibody; CDC2; POLD1; DNA polymerase subunit delta p125; anti-POLd antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against POLd. It has been selected for its ability to recognize POLd in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.66mg/ml (varies by lot)
Sequence Length	1107
Applicable Applications for anti-POLd antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	POLd (Met41~Phe254)
Quality Control	Content: The quality control contains recombinant POLd (Met41~Phe254) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded lung tissue



WB (Western Blot)
Western Blot: Sample: Recombinant POLd, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human Jurkat cells; Lane2: Human Hela cells.

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 1
NCBI Official Synonym Full Names	DNA polymerase delta 1, catalytic subunit
NCBI Official Symbol	POLD1
NCBI Official Synonym Symbols	CDC2; MDPL; POLD; CRCS10
NCBI Protein Information	DNA polymerase delta catalytic subunit
UniProt Protein Name	DNA polymerase delta catalytic subunit
UniProt Gene Name	POLD1
UniProt Synonym Gene Names	POLD

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.