POLD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	POLD2, Polyclonal Antibody
Full Product Name	POLD2 (DNA Polymerase delta Subunit 2, DNA Polymerase delta Subunit p50, POLD2) (MaxLight 550)
Product Gene Name	anti-POLD2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes POLD2. Species Crossreactivity: human, rat
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	51,289 Da
OMIM	600815
3D Structure	ModBase 3D Structure for P49005
Immunogen	KLH conjugated synthetic peptide corresponding to aa237-265 at the Central region of human POLD2. Species sequence homology: bovine, mouse
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-POLD2 antibody	Antibodies; Enzymes; Polymerase
Applications Tested/Suitable for anti-POLD2 antibody	Western Blot (WB)
Application Notes for anti-POLD2 antibody	WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-POLD2 antibody	MBS6458248 is an antibody targeting POLD2. Also known as POLD2 (DNA Polymerase delta Subunit 2, DNA Polymerase delta Subunit p50, POLD2) (MaxLight 550). Reactive in Human, Rat. Host: Rabbit.
Product References and Citations for anti-POLD2 antibody	Zhang J., et al. Genomics 29:179-186(1995). Perez A., et al. Biochim. Biophys. Acta 1493:231-236(2000). He H., et al. Proc. Natl. Acad. Sci. U.S.A. 98:11979-11984(2001). Liu L., et al. J. Biol. Chem. 278:10041-10047(2003). Tsurimoto T., et al. Genes Cells 10:13-22(2005).
Other Notes	Small volumes of anti-POLD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for POLD2. It may not necessarily be applicable to this product.

NCBI GI #	187828568
NCBI GeneID	5425
NCBI Accession #	NP_001120690.1
UniProt Primary Accession #	P49005
UniProt Secondary Accession #	Q6AXY4; O35654; P49004
UniProt Related Accession #	P49005
GenBank Nucleotide #	NM_001127218.2
NCBI Official Full Name	DNA polymerase delta subunit 2 isoform 1
NCBI Official Synonym Full Names	polymerase (DNA directed), delta 2, accessory subunit
NCBI Official Symbol	POLD2
UniProt Protein Name	DNA polymerase delta subunit 2
UniProt Synonym Protein Names	DNA polymerase delta subunit p50
Protein Family	DNA polymerase
UniProt Gene Name	POLD2
UniProt Entry Name	DPOD2_HUMAN
NCBI Protein Information	DNA polymerase delta subunit 2; Pol delta B subunit (p50); DNA polymerase delta subunit p50; polymerase (DNA directed), delta 2, regulatory subunit 50kDa
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