

For Research Use Only

POLD2 Polyclonal antibody

Catalog Number: 10288-1-AP **2 Publications**



Basic Information

Catalog Number: 10288-1-AP	GenBank Accession Number: BC000459	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 170 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5425	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: polymerase (DNA directed), delta 2, regulatory subunit 50kDa	
Isotype: IgG	Calculated MW: 51 kDa	
Immunogen Catalog Number: AG0270	Observed MW: 52 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : HepG2 cells, HEK-293 cells, mouse pancreas tissue, SGC-7901 cells
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

POLD2, also named as DNA polymerase delta subunit 2, is a 469 amino acid protein, which belongs to the DNA polymerase delta/II small subunit family. The function of the small subunit is not yet clear. POLD2 has an essential function for the small subunit in the heterodimeric core enzyme.

Notable Publications

Author	Pubmed ID	Journal	Application
Mio Iwasaki	35573189	iScience	WB
Kim Myoung Shin MS	23254330	Nucleic Acids Res	WB

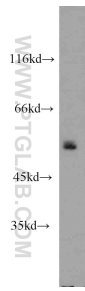
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 10288-1-AP (POLD2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.