

For Research Use Only

# POLDIP2 Recombinant antibody, PBS Only

Catalog Number: **86232-3-PBS**



## Basic Information

Catalog Number:	86232-3-PBS	GenBank Accession Number:	BC000655	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI):	26073	CloneNo.:	250999B11
Source:	Rabbit	UNIPROT ID:	Q9Y2S7		
Isotype:	IgG	Full Name:	polymerase (DNA-directed), delta interacting protein 2		
Immunogen Catalog Number:	AG7154	Calculated MW:	42 kDa		
		Observed MW:	37 kDa		

## Applications

Tested Applications:  
WB, IF/ICC, Indirect ELISA

Species Specificity:  
human, mouse

## Background Information

POLDIP2(Polymerase delta-interacting protein 2) is also named as PDIP38, POLD4. It is a unique positive regulator of Nox4 via its association with p22phox and together with Nox4, has profound effects on Rhoddependent cytoskeletal remodeling. It is also as a regulator of cell division. It consists of 368 amino acids and has a predicted molecular mass of 42 kDa, with a potential signal peptide cleavage site after the first N-terminal 48 residues, which would result in a protein of 37 kDa (PMID:19574552). Endogenous human and rat POLDIP2 localized to the nucleus, plasma membrane, and cytoplasm (PMID:17623671).

## Storage

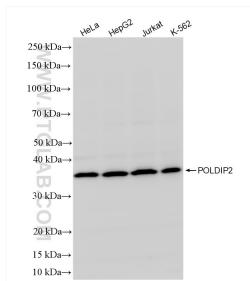
Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

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)

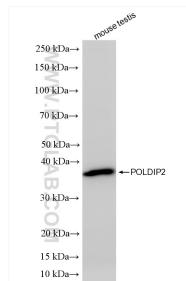
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86232-3-RR (POLDIP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86232-3-PBS in a different storage buffer formulation.



mouse testis tissue were subjected to SDS PAGE followed by western blot with 86232-3-RR (POLDIP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86232-3-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using POLDIP2 antibody (86232-3-RR, Clone: 250999B11) at dilution of 1:500 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86232-3-PBS in a different storage buffer formulation.