

For Research Use Only

POLDIP2 Recombinant antibody

Catalog Number: 86232-3-RR



Basic Information

Catalog Number:	86232-3-RR	GenBank Accession Number:	BC000655	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	26073	CloneNo.:	250999B11
Source:	Rabbit	UNIPROT ID:	Q9Y2S7	Recommended Dilutions:	WB: 1:5000-1:50000 IF/ICC: 1:250-1:1000
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, ELISA	Positive Controls:	WB: HeLa cells, mouse testis tissue, HepG2 cells, Jurkat cells, K-562 cells
Species Specificity:	human, mouse	IF/ICC:	HeLa cells,

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 Rho-dependent cytoskeletal remodeling. It is also 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

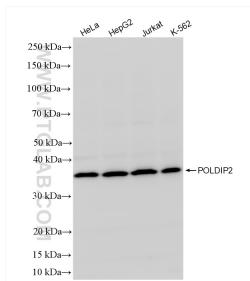
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

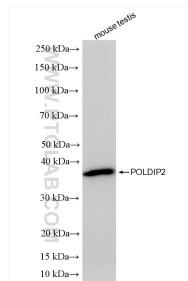
W: ptgcn.com

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

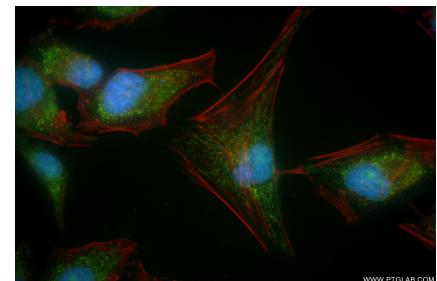
Selected Validation Data



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.



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.



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).