

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: Q9Y257	
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 as a unique positive regulator of Nox4 via its association with p22phox and together with Nox4, has profound effects on Rhodependent 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

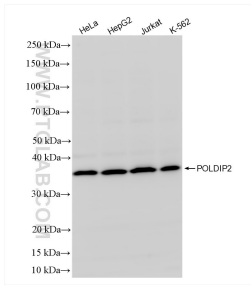
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

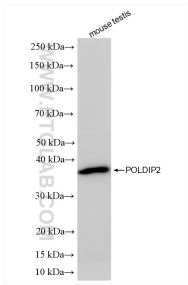
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.