

For Research Use Only

NDP52 Recombinant antibody

Catalog Number: 86167-1-RR



Basic Information

Catalog Number: 86167-1-RR	GenBank Accession Number: BC015893	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10241	CloneNo.: 250714E9
Source: Rabbit	UNIPROT ID: Q13137	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: calcium binding and coiled-coil domain 2	
Immunogen Catalog Number: AG2866	Calculated MW: 446 aa, 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, Jurkat cells, A549 cells IF/ICC : HeLa cells,

Background Information

NDP52, also named as CALCOCO2, is an autophagy receptor. It plays a role in ruffle formation and actin cytoskeleton organization. Mouse/Rat NDP52 has some isoforms with MW 28-40 kDa and 67 kDa. Human NDP52 has some isoforms with MW 43-47 kDa and 52-55 kDa.

Storage

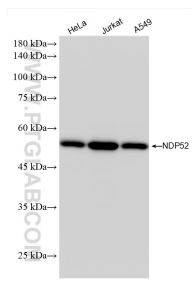
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

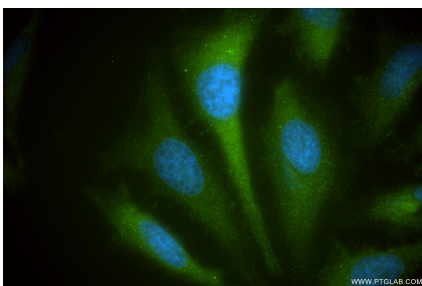
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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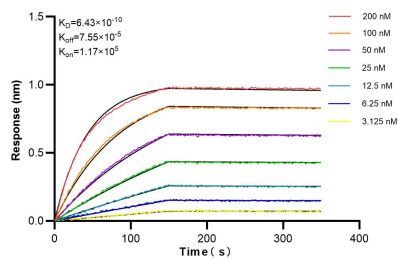
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86167-1-RR (NDP52 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using NDP52 antibody (86167-1-RR, Clone: 250714E9) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 86167-1-RR against Human NDP52 were performed. The affinity constant is 0.643 nM.