

For Research Use Only

NDP52 Recombinant antibody, PBS Only

Catalog Number: 86167-1-PBS



Basic Information

Catalog Number:

86167-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2866

GenBank Accession Number:

BC015893

GeneID (NCBI):

10241

UNIPROT ID:

Q13137

Full Name:

calcium binding and coiled-coil domain 2

Calculated MW:

446 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Protein A purification

CloneNo.:

250714E9

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

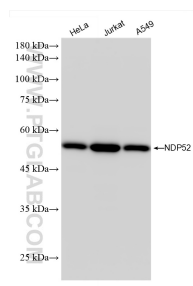
T: 4006900926

E: Proteintech-CN@ptglab.com

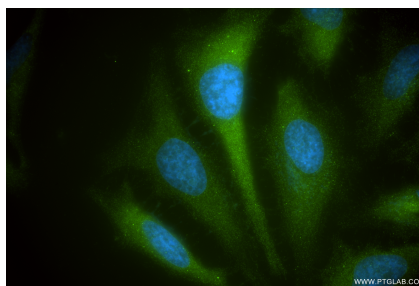
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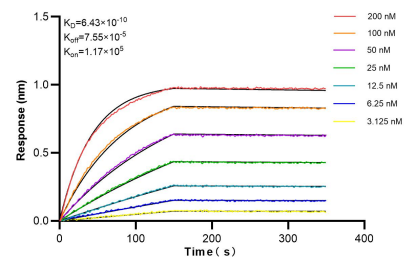
Selected Validation Data



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. This data was developed using the same antibody clone with 86167-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86167-1-PBS in a different storage buffer formulation.



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