

## NDP52 antibody [GT1813]

Cat. No. GTX630397

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF
Reactivity	Human

Package  
100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 52 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human NDP52. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

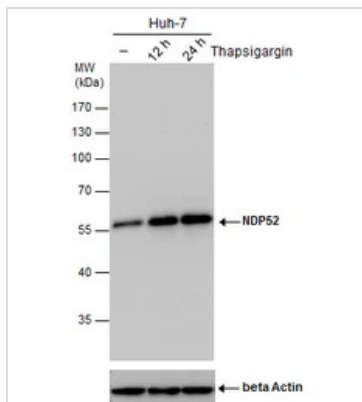
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

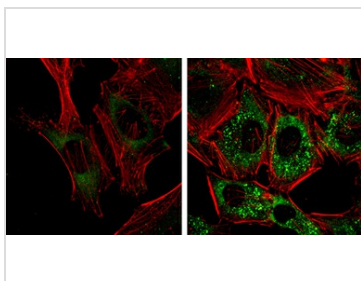
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**DATA IMAGES**

**GTX630397 WB Image**

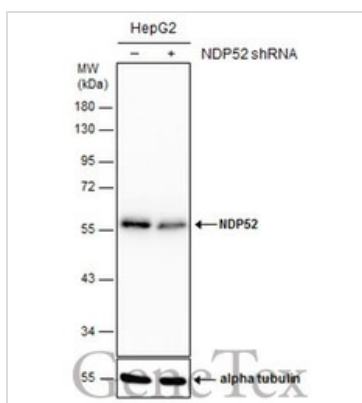
NDP52 antibody detects NDP52 protein by western blot analysis. Un-treated (-) and treated (+, Thapsigargin treatment for 12hrs and 24hrs) Huh-7 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with NDP52 antibody (GTX630397) diluted by 1:500. The ACTB was used as internal control (GTX110564, 1:50000) shown at the bottom panel.


**GTX630397 ICC/IF Image**

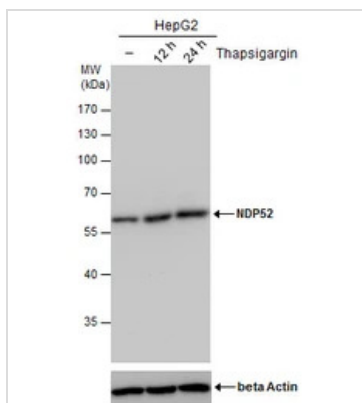
NDP52 antibody [GT1813] detects NDP52 protein at autophagosome by immunofluorescent analysis. Samples: HeLa cells mock (left) and treated with 50µM Chloroquine for 24 hr (right) were fixed in 4% paraformaldehyde at RT for 15 min.

Green: NDP52 protein stained by NDP52 antibody [GT1813] (GTX630397) diluted at 1:1000.

Red: Phalloidin, a F-actin marker.


**GTX630397 WB Image**

Non-transfected (-) and transfected (+) HepG2 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with NDP52 antibody [GT1813] (GTX630397) diluted at 1:1000.


**GTX630397 WB Image**

NDP52 antibody detects NDP52 protein by western blot analysis. Un-treated (-) and treated (+, Thapsigargin treatment for 12hrs and 24hrs) HepG2 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with NDP52 antibody (GTX630397) diluted by 1:500. The ACTB was used as internal control (GTX110564, 1:50000) shown at the bottom panel.



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