

# NDP52 antibody

# Cat. No. GTX115378

Host	Rabbit
Clonality	Polyclonal
Isotype	lgG
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human



# Applications

# **Application Note**

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 52 kDa. (Note)

Properties	
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	1.57 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	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



For full product information, images and publications, please visit our <u>website</u>.

Date 2025 / 11 / 03 Page 1 of 2

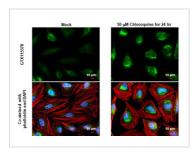


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

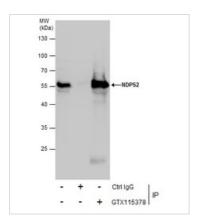
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



## GTX115378 ICC/IF Image

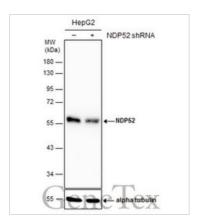
NDP52 antibody detects NDP52 protein at autophagosome by immunofluorescent analysis. Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: NDP52 stained by NDP52 antibody (GTX115378) diluted at 1:1000. Red: phalloidin, a cytoskeleton marker, diluted at 1:200. Blue: Fluoroshield with DAPI (GTX30920). Scale bar=  $10 \mu m$ .



## GTX115378 IP Image

Immunoprecipitation of NDP52 protein from Jurkat whole cell extracts using 5  $\mu$ g of NDP52 antibody (GTX115378).

Western blot analysis was performed using NDP52 antibody (GTX115378). EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



### GTX115378 WB Image

Non-transfected (–) and transfected (+) HepG2 whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with NDP52 antibody (GTX115378) diluted at 1:4000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



For full product information, images and publications, please visit our <u>website</u>.

Date 2025 / 11 / 03 Page 2 of 2