

### Anti-NDP52 antibody ab151256

5 Images

#### Overview

<b>Product name</b>	Anti-NDP52 antibody
<b>Description</b>	Rabbit polyclonal to NDP52
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein corresponding to Human NDP52 aa 174-389. Database link: <a href="#">Q13137</a>
<b>Positive control</b>	IHC-P: H441 xenograft. WB: Raji cells, Hu7 whole cell extract. ICC/IF: HeLa cells. IP: Jurkat cells.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)</p>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab151256 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/10000. Predicted molecular weight: 52 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Alternatively Tris-EDTA buffer ( pH8.0) may be used.
ICC/IF		1/100 - 1/1000.
IP		1/100 - 1/500.

## Target

### Function

May play a role in ruffle formation and actin cytoskeleton organization. Seems to negatively regulate constitutive secretion.

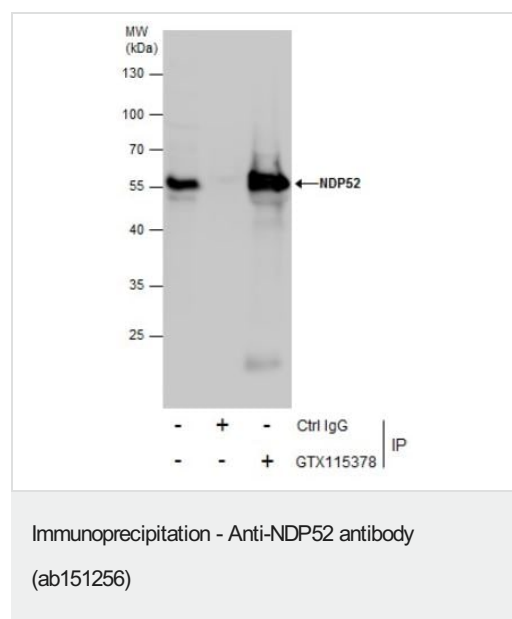
### Tissue specificity

Expressed in all tissues tested with highest expression in skeletal muscle and lowest in brain.

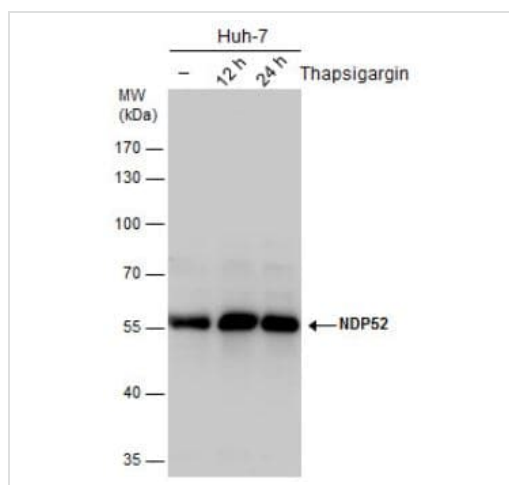
### Cellular localization

Cytoplasm > perinuclear region. Golgi apparatus. Cytoplasm > cytoskeleton. According to PubMed:7540613, localizes to nuclear dots. According to PubMed:9230084 and PubMed:12869526, it is not a nuclear dot-associated protein but localizes predominantly in the cytoplasm with a coarse-grained distribution preferentially close to the nucleus.

## Images



NDP52 was immunoprecipitated from Jurkat whole cell extracts with 5 µg ab151256. Western blot was performed on the immunoprecipitate using ab151256. EasyBlot anti-rabbit IgG was used as the secondary antibody.



Western blot - Anti-NDP52 antibody (ab151256)

**All lanes :** Anti-NDP52 antibody (ab151256) at 1/2000 dilution

**Lane 1 :** Untreated Huh-7 whole cell extracts

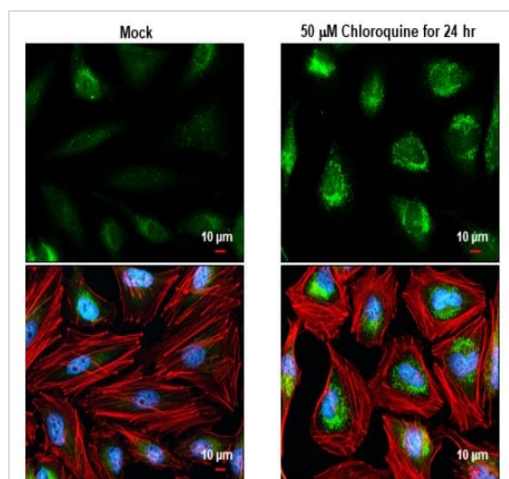
**Lane 2 :** Huh-7 whole cell extracts treated with Thapsigargin for 12hrs

**Lane 3 :** Huh-7 whole cell extracts treated with Thapsigargin for 24hrs

Lysates/proteins at 30 µg per lane.

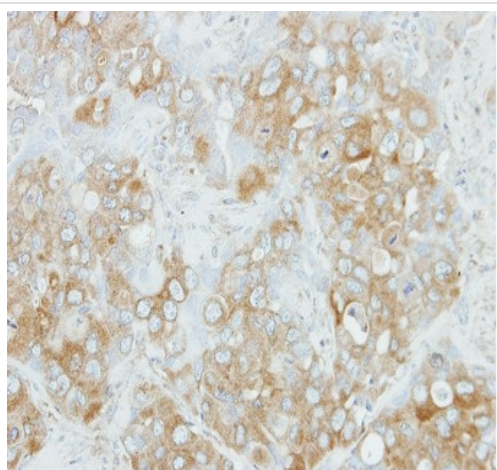
**Predicted band size:** 52 kDa

10% SDS-PAGE.



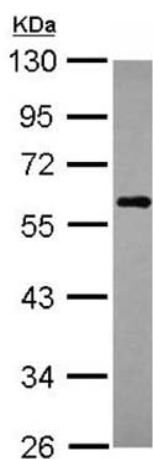
Immunocytochemistry/ Immunofluorescence - Anti-NDP52 antibody (ab151256)

HeLa stained for NDP52 (green) using ab151256 at 1/1000 dilution in ICC/IF.



Immunohistochemical analysis of paraffin embedded H441 xenograft labeling NDP52 with ab151256 antibody at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NDP52 antibody (ab151256)



Anti-NDP52 antibody (ab151256) at 1/1000 dilution + Raji whole cell lysate at 30 µg

**Predicted band size: 52 kDa**

10% SDS PAGE

Western blot - Anti-NDP52 antibody (ab151256)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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