

Rabbit anti-Human NPC1 Polyclonal Antibody | anti-NPC1 antibody

Anti-NPC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265530	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

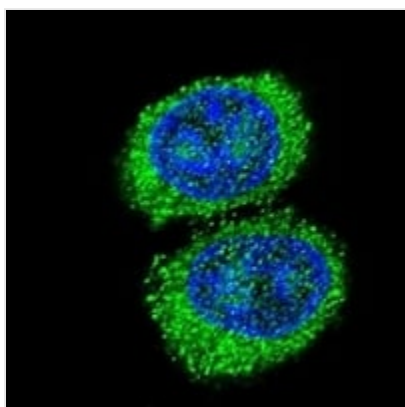
PRODUCT SYNONYMS

NPC1; Polyclonal Antibody; Anti-NPC1 Antibody; anti-NPC1 antibody

PRODUCT SPECIFICATIONS

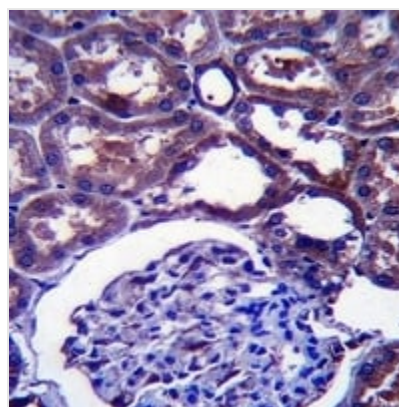
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of NPC1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-NPC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human NPC1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



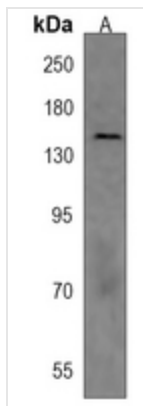
IF (Immunofluorescence)

Immunofluorescent analysis of Anti-NPC1 staining in 293 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of NPC1 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of NPC1 expression in HeLa (A) whole cell lysates. (Predicted band size: 142 kD; Observed band size: 142 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-NPC1 antibody	Rabbit polyclonal antibody to NPC1
Product Categories/Family for anti-NPC1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	83305902
NCBI GeneID	4864
UniProt Accession #	O15118 ; Q9P130 ; B4DET3
Molecular Weight	1278
NCBI Official Full Name	Niemann-Pick C1 protein
NCBI Official Synonym Full Names	Niemann-Pick disease, type C1
NCBI Official Symbol	NPC1
NCBI Official Synonym Symbols	NPC
NCBI Protein Information	Niemann-Pick C1 protein
UniProt Protein Name	Niemann-Pick C1 protein
UniProt Gene Name	NPC1
UniProt Entry Name	NPC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/npc1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265530>