# antibodies -online.com







# anti-NPC1 antibody

**Images** 



# Overview

Quantity:	50 μg
Target:	NPC1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NPC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

# **Product Details**

Brand:	IHC-plus <sup>™</sup>
Immunogen:	Fragments of Human NPC1 conjugated to a carrier protein.
	Type of Immunogen: Protein
Isotype:	lgG1
Specificity:	Reacts with the human NPC1 protein. Species cross-reactivity: Confirmed with an NPC1 transfected I1061T cell line.
Purification:	Protein A purified

# Target Details

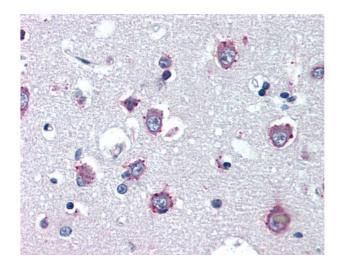
NPC1 Target:

# **Target Details**

Storage Comment:

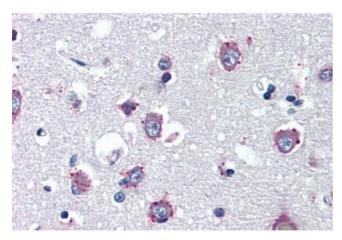
rarget Details	
Alternative Name:	NPC / NPC1 (NPC1 Products)
Background:	Name/Gene ID: NPC1
	Synonyms: NPC1, NPC, Niemann-Pick C1 protein, Niemann-Pick disease, type C1
Gene ID:	4864
Application Details	
Application Notes:	Approved: IF (10 μg/mL), IHC, IHC-P (10 μg/mL), IP, WB (1 - 2 μg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in $$ pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 $\mu$ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
0+	Ob ant to many 400 days at 2000 Assault for any thousands

Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.



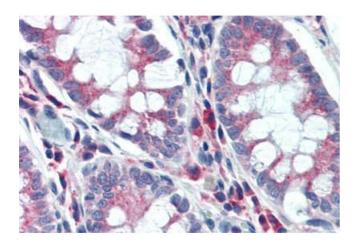
### **Immunohistochemistry**

**Image 1.** Anti-NPC1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Human Brain, Cortex (formalin-fixed, paraffinembedded) stained with NPC1 antibody ABIN462125 followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



# Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Human Colon (formalin-fixed, paraffin-embedded) stained with NPC1 antibody ABIN462125 followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.