

Product Datasheet

OPA1 Antibody (1284B) - Azide and BSA Free NBP2-80894

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-80894

OPA1 Antibody (1284B) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1284B
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	PBS

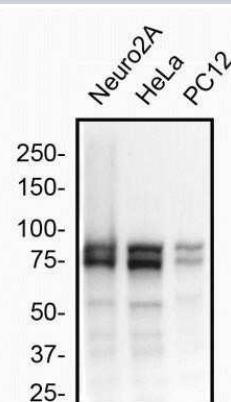
Product Description	
Description	Novus Biologicals Rabbit OPA1 Antibody (1284B) - Azide and BSA Free (NBP2-59770) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4976
Gene Symbol	OPA1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide made to an internal region within residues 500-600 of human OPA1. [Swiss-Prot# O60313]

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 2 ug/ml, Immunohistochemistry 1:1000, Immunocytochemistry/Immunofluorescence 5 ug/ml, Immunohistochemistry-Paraffin 1:1000

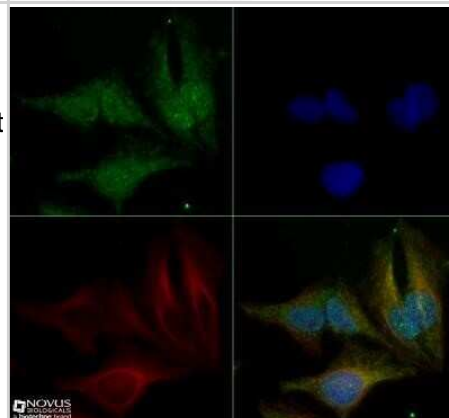


Images

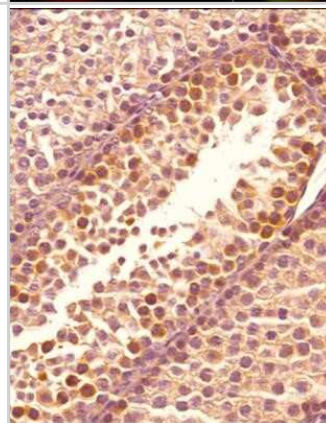
Western Blot: OPA1 Antibody (1284B) - Azide and BSA Free [NBP2-80894] - Total protein from Mouse Neuro2A cells, Human HeLa cells and Rat PC12 cells was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 1.0 ug/ml anti-OPA1 in blocking buffer, and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: OPA1 Antibody (1284B) - Azide and BSA Free [NBP2-80894] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with anti-OPA1 at 5 ug/ml overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse DyLight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



Immunohistochemistry-Paraffin: OPA1 Antibody (1284B) - Azide and BSA Free [NBP2-80894] - IHC analysis of a formalin fixed paraffin embedded (FFPE) tissue section of mouse testes using OPA1 antibody at 1:1000 dilution. The primary antibody bound to OPA1 antigens in the tissue section was detected using an HRP labeled secondary antibody and DAB





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Products Related to NBP2-80894

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB110-55290PEP	OPA1 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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