

# Product Datasheet

## OPA3 Antibody - Azide and BSA Free H00080207-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 2

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**H00080207-B01P**

OPA3 Antibody - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

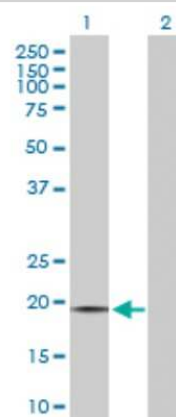
Product Description	
<b>Description</b>	Novus Biologicals Mouse OPA3 Antibody - Azide and BSA Free (H00080207-B01P) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-OPA3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	80207
<b>Gene Symbol</b>	OPA3
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	OPA3 - optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia),
<b>Immunogen</b>	OPA3 (NP_079412, 1 a.a. - 179 a.a.) full-length human protein. MVGAFPMAKLLYLGIQVSKPLANRIKEAARRSEFFKTYICLPPAQLYHWVEM RTKMRIMGFRGTVIKPLNEEAAAELGAELLGEATIFIVGGGCLVLEYWRHQAQQ RHKEEQRAAWNALRDEVGHLALALEALQAQVQAAPPQGALEELRTELQEV AQLCNPGRSASHAVPASKK
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control.



## Images

Western Blot: OPA3 Antibody [H00080207-B01P] - Analysis of OPA3 expression in transfected 293T cell line by OPA3 polyclonal antibody. Lane 1: OPA3 transfected lysate(19.69 KDa). Lane 2: Non-transfected lysate.



## Publications

Powell KA, Davies JR, Taylor E et al. Mitochondrial Localization and Ocular Expression of Mutant Opa3 in a Mouse Model of 3-Methylglutaconicaciduria Type III. Invest. [PMID: 21613372]

Patel JC, Witkovsky P, Coetzee WA, Rice ME. Subsecond regulation of striatal dopamine release by presynaptic K (ATP) channels. J Neurochem. 2011-06-20 [PMID: 21689107]



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### **Products Related to H00080207-B01P**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP1-92221PEP	OPA3 Recombinant Protein Antigen

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### **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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