

Product Datasheet

OMA1 Antibody - BSA Free

NBP1-56970-100uL

Unit Size: 100 uL

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

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NBP1-56970-100uL

OMA1 Antibody - BSA Free

Product Information

Unit Size	100 uL
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose

Product Description

Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	115209
Gene Symbol	OMA1
Species	Human
Immunogen	Synthetic peptides corresponding to OMA1 (OMA1 homolog, zinc metallopeptidase (<i>S. cerevisiae</i>)) The peptide sequence was selected from the middle region of OMA1. Peptide sequence WAICPRDSLALLCQWIQSKLQEYMFNRPYSRKLEAEADKIGLLLA AKACA. The peptide sequence for this immunogen was taken from within the described region.

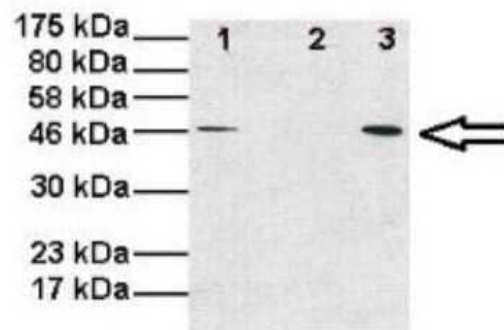
Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

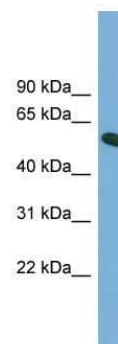


Images

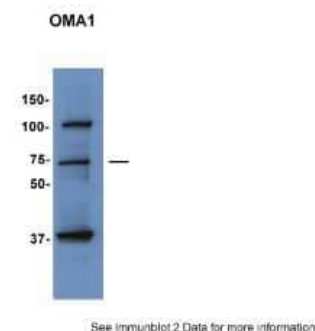
Western Blot: OMA1 Antibody [NBP1-56970] - Lanes: Lane 1 : 10ug human fibroblast mitochondria. Lane 2: 15ug fish embryo lysate ; 6h post fertilization. Lane 3: 30ug fish embryo lysate , 6 days Primary, Antibody Dilution: 1 : 1000 Secondary Antibody: Anti-Rabbit HRP Secondary, Antibody Dilution: 1 : 5000 Gene name: OMA1.



Western Blot: OMA1 Antibody [NBP1-56970] - Nuclear Lysate, Whole cell lysate, Antibody Titration: 0.2-1 ug/ml.



Western Blot: OMA1 Antibody [NBP1-56970] - Sample Type: HepG2 cells Primary Dilution: 1:1000 Secondary Antibody: anti-Rabbit TBST with 5% BSA Secondary Dilution: 1:5000 Image Submitted by: Hana Sabic University of Utah.



Publications

Yang Y, Zhang G, Guo F et al. Mitochondrial UQCC3 Modulates Hypoxia Adaptation by Orchestrating OXPHOS and Glycolysis in Hepatocellular Carcinoma Cell Rep 2020-11-03 [PMID: 33147459] (WB, Human)

Baburamani AA, Hurling C, Stolp H et al. Mitochondrial Optic Atrophy (OPA) 1 Processing Is Altered in Response to Neonatal Hypoxic-Ischemic Brain Injury. Int J Mol Sci 2015-01-01 [PMID: 26393574] (WB)

Desmurs M, Foti M, Raemy E et al. C11orf83, a Mitochondrial Cardiolipin-Binding Protein Involved in bc1 Complex Assembly and Supercomplex Stabilization. Mol Cell Biol 2015-04-01 [PMID: 25605331]

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Products Related to NBP1-56970-100uL

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-30971PEP	OMA1 Recombinant Protein Antigen

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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