

Product Datasheet

MOCOS Antibody - BSA Free

NBP2-14243

Unit Size: 0.1 ml

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

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NBP2-14243

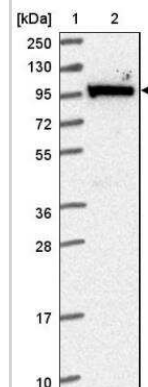
MOCOS Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	55034
Gene Symbol	MOCOS
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26239292). Immunogen displays the following percentage of sequence identity for non-tested species: Rat (82%)
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: NQGLLYDRSWMVVNHNGVCLSQKQEPRLCLIQPFIDLRQRIMVIKAKGMEPIEV PLEINSERTQIRQSRVCADRVSTYDCGEKISSWLSTFFGRPCHLIKQSSNSQR NAKKK
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:30, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in RT-4, separated by Size, antibody dilution of 1:30, apparent MW was 105 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

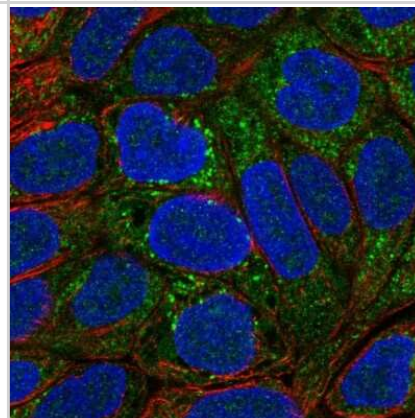


Images

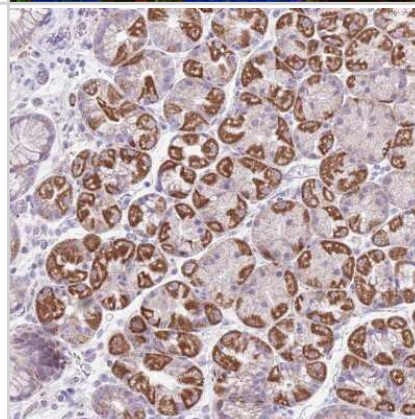
Western Blot: MOCOS Antibody [NBP2-14243] - Lane 1: Marker [kDa]
250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4



Immunocytochemistry/Immunofluorescence: MOCOS Antibody [NBP2-14243] - Staining of human cell line RT4 shows localization to cytosol & mitochondria. Antibody staining is shown in green.



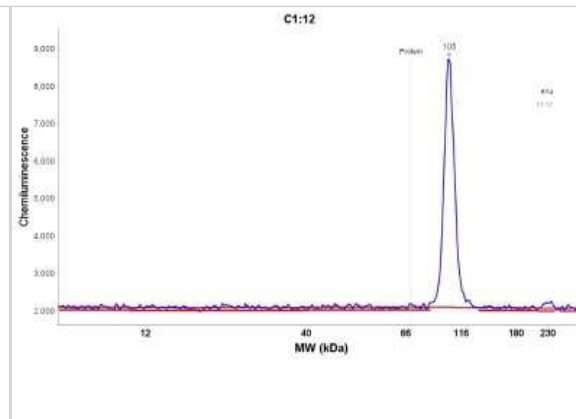
Immunohistochemistry-Paraffin: MOCOS Antibody [NBP2-14243] - Staining of human stomach, lower shows strong cytoplasmic positivity in gastric parietal cells.



Simple Western: MOCOS Antibody [NBP2-14243] - Simple Western lane view shows a specific band for MOCOS in 0.2 mg/ml of RT-4 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: MOCOS Antibody [NBP2-14243] - Electropherogram image(s) of corresponding Simple Western lane view. MOCOS antibody was used at 1:30 dilution on RT-4 lysate(s).



Publications

Delphine Sedda, Claire Mackowiak, Julie Pailloux, Elodie Culerier, Ana Dudas, Pauline Rontani, Nicolas Erard, Antoine Lefevre, Sylvie Mavel, Patrick Emond, Frederic Foucher, Marc Le Bert, Valerie F.J. Quesniaux, Michael J. Mihatsch, Bernhard Ryffel, Madeleine Erard-Garcia Deletion of Mocos Induces Xanthinuria with Obstructive Nephropathy and Major Metabolic Disorders in Mice *Kidney* 360 2021-09-17 [PMID: 35372998]

Feron F, Gepner B, Lacassagne E et al. Olfactory stem cells reveal MOCOS as a new player in autism spectrum disorders *Mol Psychiatry*. 2015-08-04 [PMID: 26239292] (ICC/IF, WB, IF/IHC, Mouse, Human)



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Products Related to NBP2-14243

NBP2-14243PEP	MOCOS Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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