

Product Datasheet

OXSM Antibody - BSA Free

NBP1-84730

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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NBP1-84730

OXSM 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

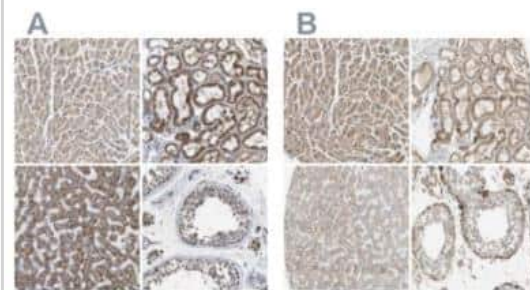
Product Description	
Description	Novus Biologicals Rabbit OXSM Antibody - BSA Free (NBP1-84730) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54995
Gene Symbol	OXSM
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (89%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSTKGATGHLLGAAGAVEAAFTTLACYQKLPPTLNLDCSEPEFDLNYVPLKAQ EWKTEKRFI GLTNSFGFGGTNATLCIAGL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, 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. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

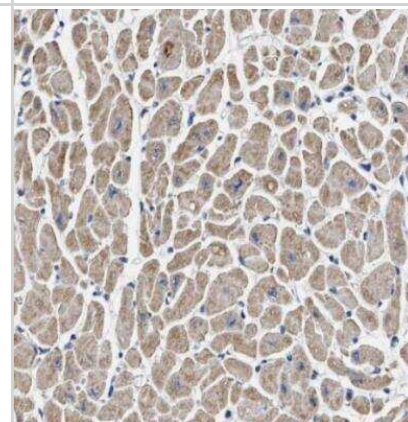


Images

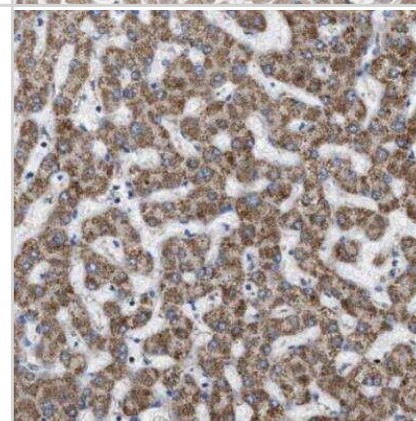
Immunohistochemistry-Paraffin: OXSM Antibody [NBP1-84730] - Staining of human heart muscle, kidney, liver and testis using Anti-OXSM antibody NBP1-84730 (A) shows similar protein distribution across tissues to independent antibody.



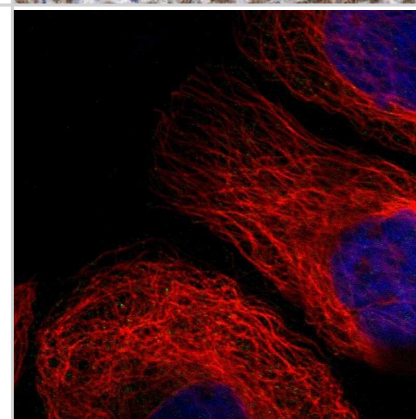
Immunohistochemistry-Paraffin: OXSM Antibody [NBP1-84730] - Staining of human heart muscle shows moderate granular cytoplasmic positivity in cardiomyocytes.



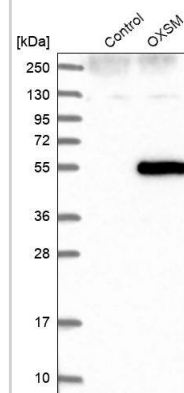
Immunohistochemistry-Paraffin: OXSM Antibody [NBP1-84730] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



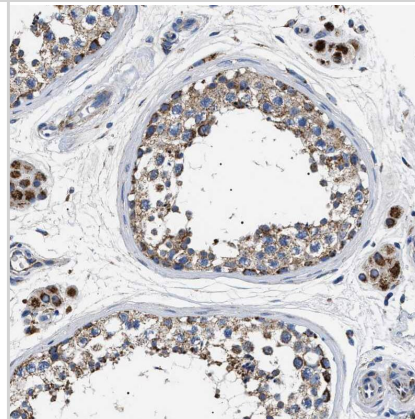
Staining of human cell line A-431 shows localization to cytosol & mitochondria.



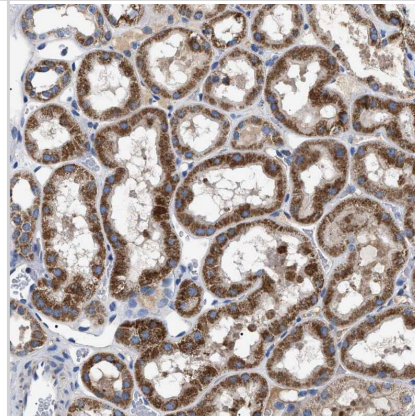
Analysis in control (vector only transfected HEK293T lysate) and OXSM over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells, LY413479).



Staining of human testis shows strong granular cytoplasmic positivity in cells in seminiferous ducts.



Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.





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Products Related to NBP1-84730

NBP1-84730PEP	OXSM Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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