

Product Datasheet

Methionyl tRNA synthetase Antibody - BSA Free NBP1-87730

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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NBP1-87730**Methionyl tRNA synthetase 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

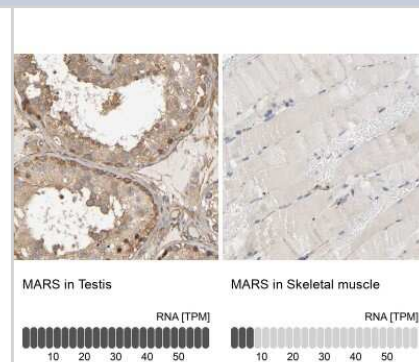
Product Description	
Description	Novus Biologicals Rabbit Methionyl tRNA synthetase Antibody - BSA Free (NBP1-87730) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Methionyl tRNA synthetase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4141
Gene Symbol	MARS1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FVLQDTVEQLRCEHCARFLADRFVEGVCPFCGYEEARGDQCDKCGKLINAVEL KKPQCKVCRSCPVVQSSQHLFLDLPKLEKRLEEWLGRTLPGSDWTPNAQFITR SWLRDGLKPRCITRDLKWGTPVPLEGFEDKVFYVWFD

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
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, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

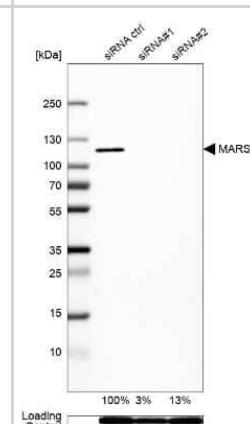


Images

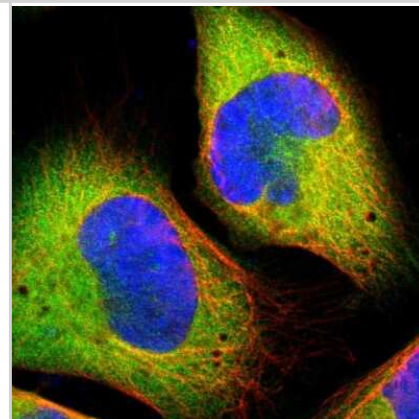
Immunohistochemistry-Paraffin: Methionyl tRNA synthetase Antibody [NBP1-87730] - Analysis in human testis and skeletal muscle tissues using NBP1-87730 antibody. Corresponding Methionyl tRNA synthetase RNA-seq data are presented for the same tissues.



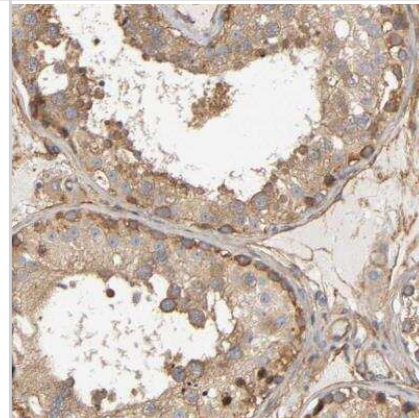
Western Blot: Methionyl tRNA synthetase Antibody [NBP1-87730] - Analysis in Rh30 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-MARS antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



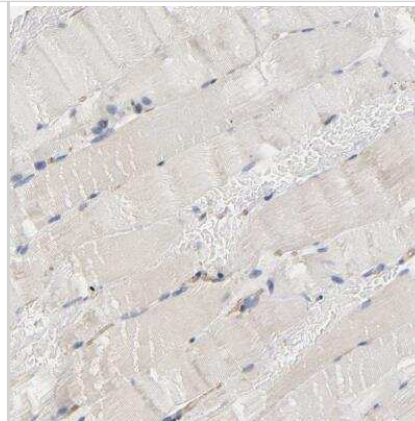
Immunocytochemistry/Immunofluorescence: Methionyl tRNA synthetase Antibody [NBP1-87730] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



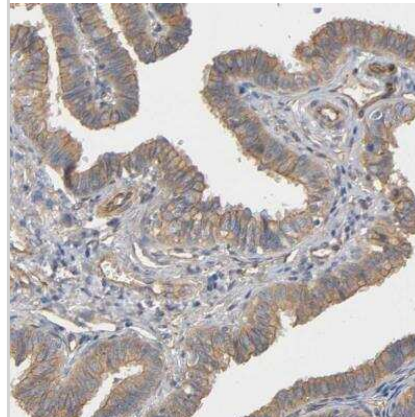
Immunohistochemistry-Paraffin: Methionyl tRNA synthetase Antibody [NBP1-87730] - Staining of human testis shows strong membranous and cytoplasmic positivity in cells in seminiferous ducts.



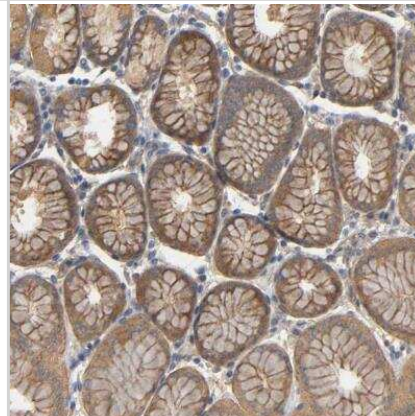
Immunohistochemistry-Paraffin: Methionyl tRNA synthetase Antibody [NBP1-87730] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: Methionyl tRNA synthetase Antibody [NBP1-87730] - Staining of human fallopian tube shows weak to moderated membranous and cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Methionyl tRNA synthetase Antibody [NBP1-87730] - Staining of human stomach shows moderate membranous and cytoplasmic positivity in glandular cells.



Publications

van Meel E, Wegner DJ, Cliften P et al. Rare recessive loss-of-function methionyl-tRNA synthetase mutations presenting as a multi-organ phenotype. BMC Med Genet 2013-10-08 [PMID: 24103465]



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Products Related to NBP1-87730

NBP1-87730PEP	Methionyl tRNA synthetase 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.

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