

Product Datasheet

QARS Antibody - BSA Free NBP1-89487

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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Publications: 1

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NBP1-89487

QARS Antibody - BSA Free

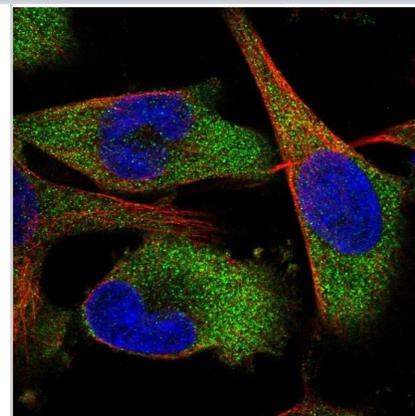
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit QARS Antibody - BSA Free (NBP1-89487) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-QARS Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5859
Gene Symbol	QARS1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HTGYVIELQHVVKGPSGCVESLEVTCRRADAGEKPKAFIHWVSQPLMCEVRLY ERLFQHKNPEDPTEVPGGFLSDLNLASLHVVDA

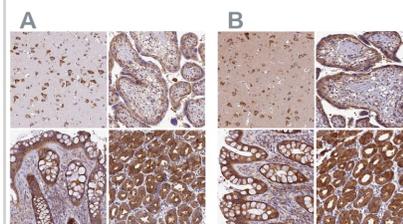
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

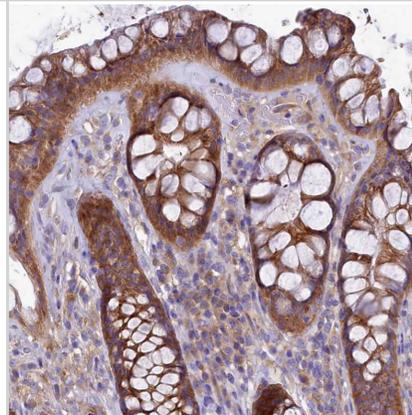
Staining of human cell line U-251 MG shows localization to cytosol.



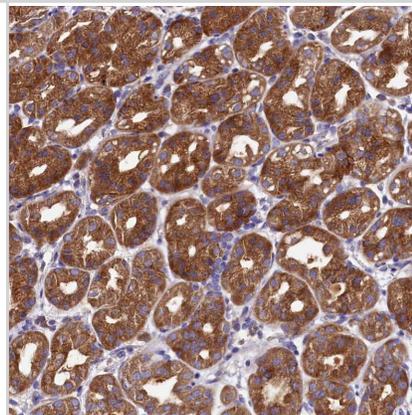
Staining of human cerebral cortex, placenta, rectum and stomach using Anti-QARS antibody NBP1-89487 (A) shows similar protein distribution across tissues to independent antibody NBP2-37883 (B).



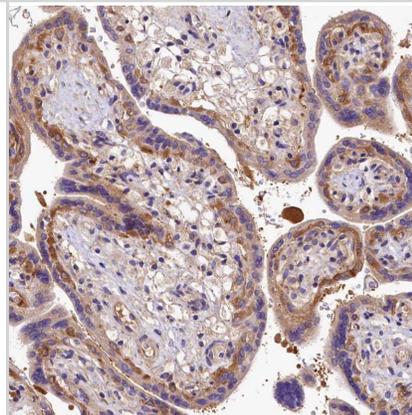
Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



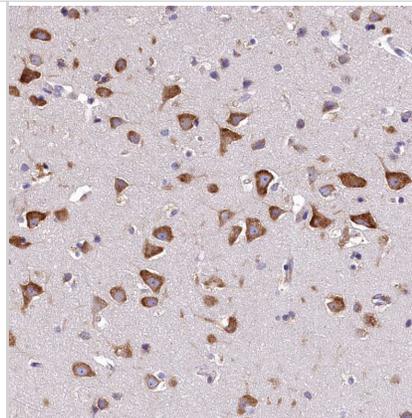
Staining of human stomach shows moderate cytoplasmic and membranous positivity in glandular cells.



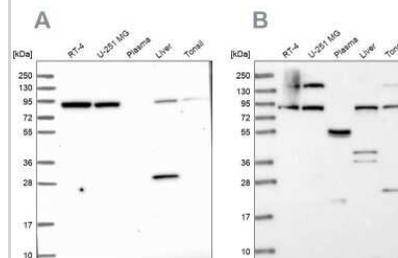
Staining of human placenta shows moderate cytoplasmic positivity in trophoblastic cells.



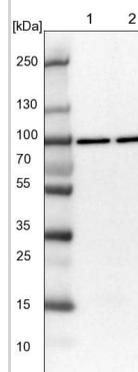
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Western Blot: QARS Antibody [NBP1-89487] - Analysis using Anti-QARS antibody NBP1-89487 (A) shows similar pattern to independent antibody NBP2-37883 (B).



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Publications

Kong J, Kim S Cell-based analysis of pairwise interactions between the components of the multi-tRNA synthetase complex FASEB J. 2020-06-15 [PMID: 32539228] (WB, Human)



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Products Related to NBP1-89487

NBP1-89487PEP	QARS 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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