

Product Datasheet

Lysyl tRNA synthetase Antibody - BSA Free NBP1-87706

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-87706

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-87706



NBP1-87706

Lysyl tRNA synthetase Antibody - BSA Free

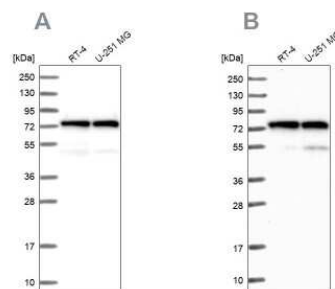
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3735
Gene Symbol	KARS1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GMVKHITGSYKVITYHPDGPEGQAYDVDFTPPFRRINMVEELEKALGMKLPETN LFETEETRKILDDICVAKAVECPPPRTTARLLDKLVGEFLEVTCINPTFICDHPQI MSPLAKWHRSK

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

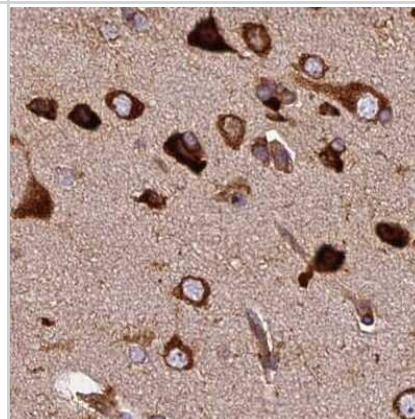
Western Blot: Lysyl tRNA synthetase Antibody [NBP1-87706] - Analysis using Anti-KARS antibody NBP1-87706 (A) shows similar pattern to independent antibody NBP1-87705 (B).



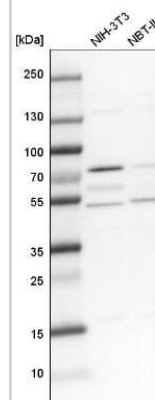
Immunocytochemistry/Immunofluorescence: Lysyl tRNA synthetase Antibody [NBP1-87706] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



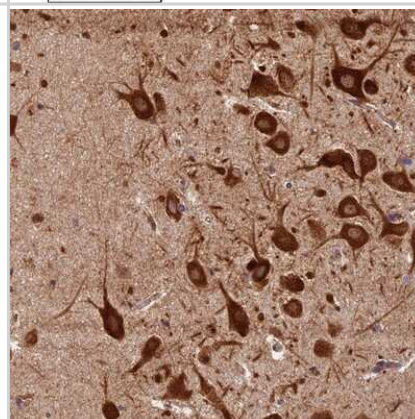
Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87706] - Staining of human cerebral cortex.



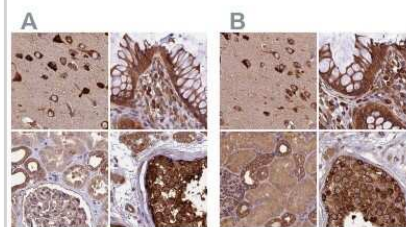
Western Blot: Lysyl tRNA synthetase Antibody [NBP1-87706] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



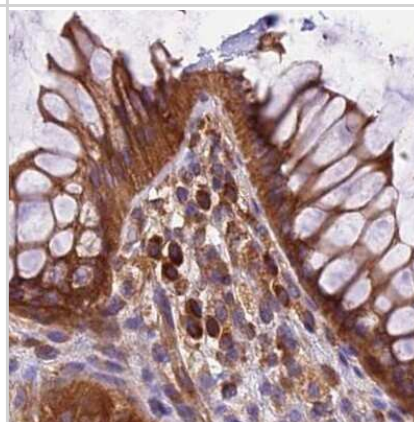
Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87706] - Staining of human hippocampus shows strong cytoplasmic positivity in neuronal cells.



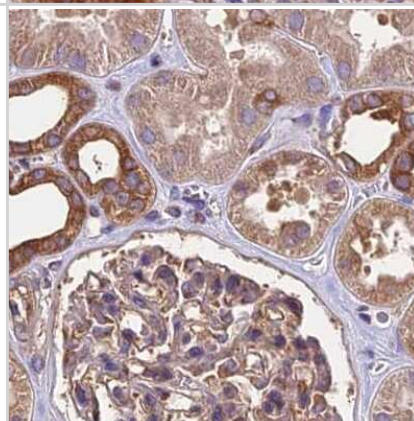
Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87706] - Staining of human cerebral cortex, colon, kidney and testis using Anti-KARS antibody NBP1-87706 (A) shows similar protein distribution across tissues to independent antibody NBP1-87705 (B).



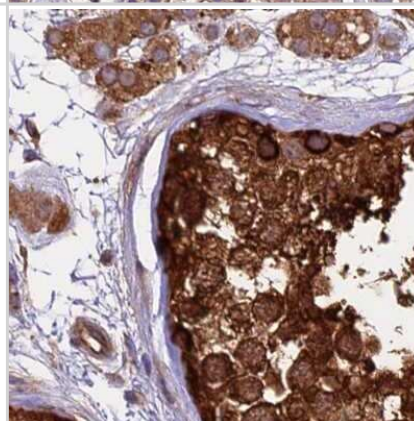
Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87706] - Staining of human colon.



Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87706] - Staining of human kidney.



Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87706] - Staining of human testis.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-87706

NBP1-87706PEP	Lysyl tRNA synthetase 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.

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-87706

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

