

# Product Datasheet

## Lysyl tRNA synthetase Antibody - BSA Free NBP1-87705

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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**NBP1-87705**

Lysyl tRNA synthetase Antibody - BSA Free

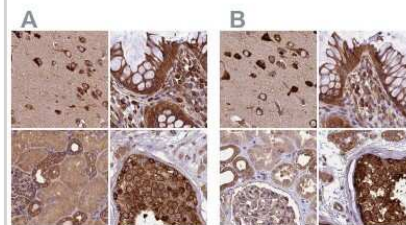
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium 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: GLTERFELFVMKKEICNAYTELNDPMRQRQLFEEQAKAKAAGDDEAMFIDENF CTALEYGLPPTAGWGMGIDRVAMFLTDSNNIKEVLLFPAMKPEDKKENVATTD TLEST

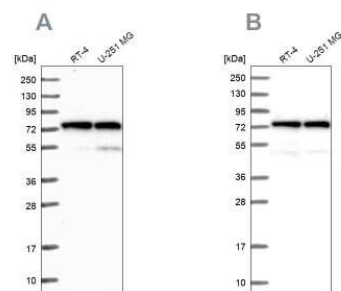
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

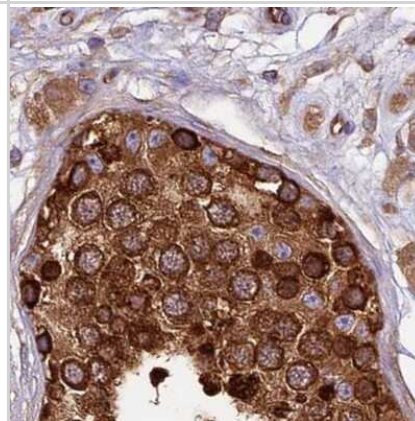
Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87705] - Staining of human cerebral cortex, colon, kidney and testis using Anti-KARS antibody NBP1-87705 (A) shows similar protein distribution across tissues to independent antibody NBP1-87706 (B).



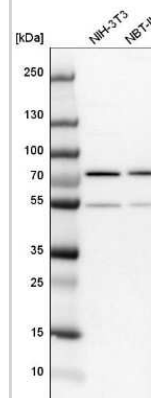
Western Blot: Lysyl tRNA synthetase Antibody [NBP1-87705] - Analysis using Anti-KARS antibody NBP1-87705 (A) shows similar pattern to independent antibody NBP1-87706 (B).



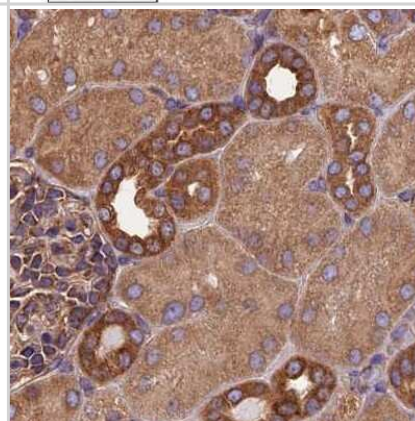
Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87705] - Staining of human testis.



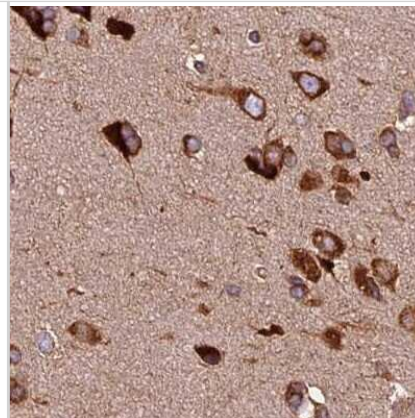
Western Blot: Lysyl tRNA synthetase Antibody [NBP1-87705] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



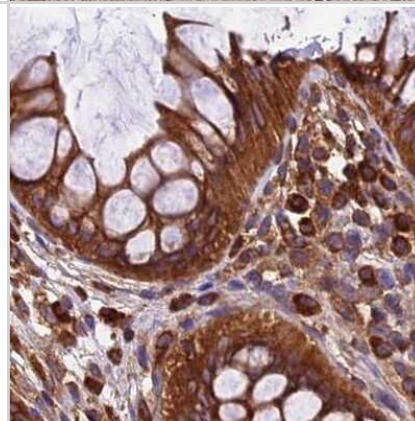
Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87705] - Staining of human kidney.



Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87705] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: Lysyl tRNA synthetase Antibody [NBP1-87705] - Staining of human colon.





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### **Products Related to NBP1-87705**

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NBP1-87705PEP	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

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### **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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