

# Product Datasheet

## YARS Antibody - BSA Free NBP1-86889

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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**NBP1-86889**

YARS Antibody - BSA Free

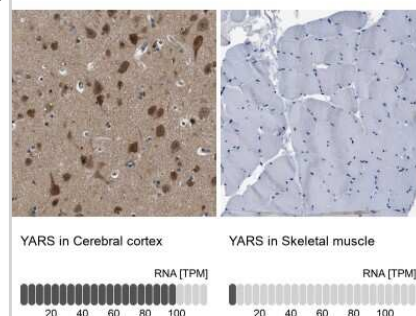
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit YARS Antibody - BSA Free (NBP1-86889) 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	8565
Gene Symbol	YARS1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GNVENNGVLSFIKHVLFPLKSEFVILRDEKWGGNKTYTAYVDLEKDFAAEVVHP GDLKNSVEVALNKLLDPIREKFNTPALKKLASAAYPDPSKQKPKMAKGPKNSEP EEVIPSRLDIRVGGKIITVEKHPDAD

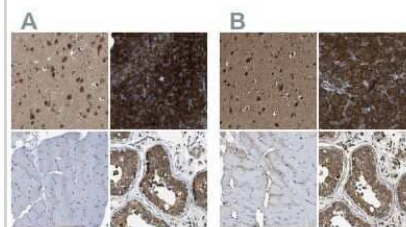
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2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

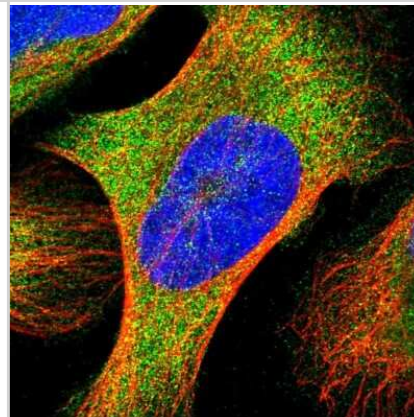
Immunohistochemistry-Paraffin: YARS Antibody [NBP1-86889] - Staining in human cerebral cortex and skeletal muscle tissues using NBP1-86889 antibody. Corresponding YARS RNA-seq data are presented for the same tissues.



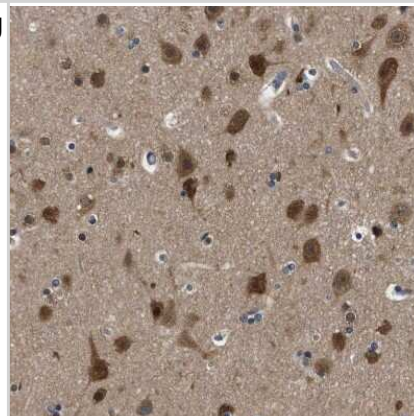
Immunohistochemistry-Paraffin: YARS Antibody [NBP1-86889] - Staining of human cerebral cortex, pancreas, skeletal muscle and testis using Anti-YARS antibody NBP1-86889 (A) shows similar protein distribution across tissues to independent antibody NBP1-86891 (B).



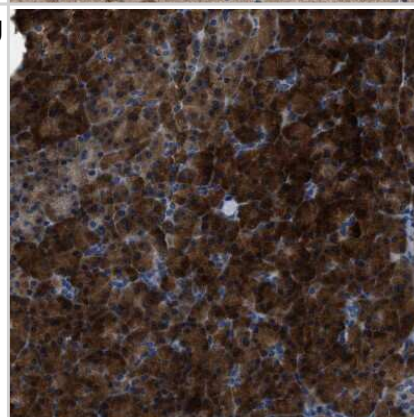
Immunocytochemistry/Immunofluorescence: YARS Antibody [NBP1-86889] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



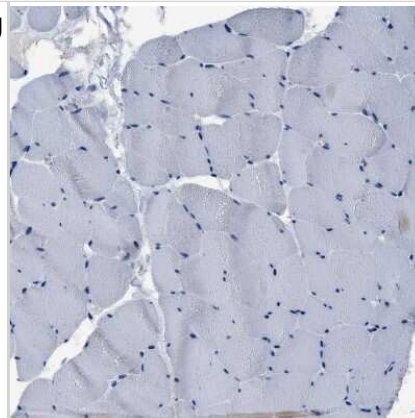
Immunohistochemistry-Paraffin: YARS Antibody [NBP1-86889] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



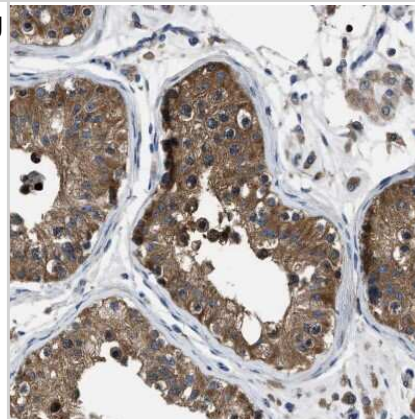
Immunohistochemistry-Paraffin: YARS Antibody [NBP1-86889] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.



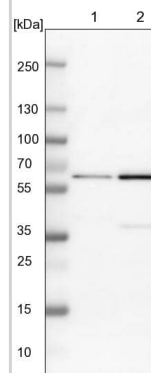
Immunohistochemistry-Paraffin: YARS Antibody [NBP1-86889] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



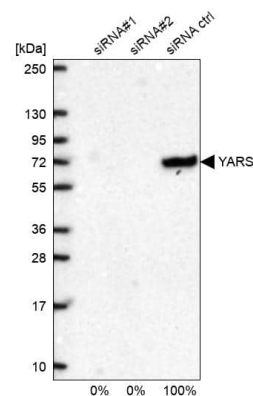
Immunohistochemistry-Paraffin: YARS Antibody [NBP1-86889] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



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



Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-YARS antibody. Remaining relative intensity is presented.





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### **Products Related to NBP1-86889**

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NBP1-86889PEP	YARS 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

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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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