

Product Datasheet

IARS2 Antibody - BSA Free

NBP1-84639

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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Updated 12/2/2025 v.20.1

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IARS2 Antibody - BSA Free

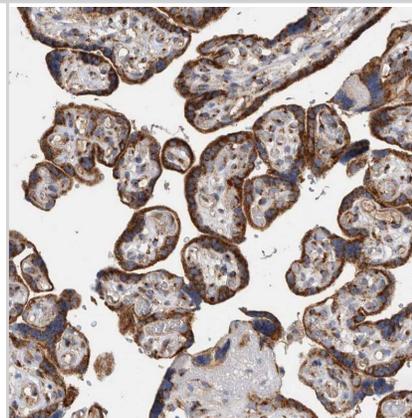
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit IARS2 Antibody - BSA Free (NBP1-84639) is a polyclonal antibody validated for use in WB. Anti-IARS2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55699
Gene Symbol	IARS2
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 21945886)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NVIHPDVVVNGGQDQSKEPPYGADVLRWWWVADSNVFTEVAIGPSVLNAARDDI SKLRNTRLRFLGNAVDFNPETDSIPVNDMYV

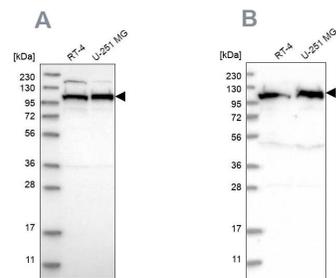
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml

Images

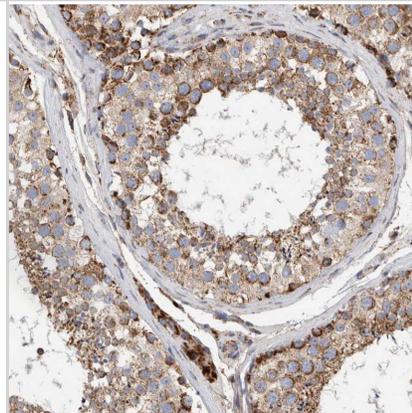
Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



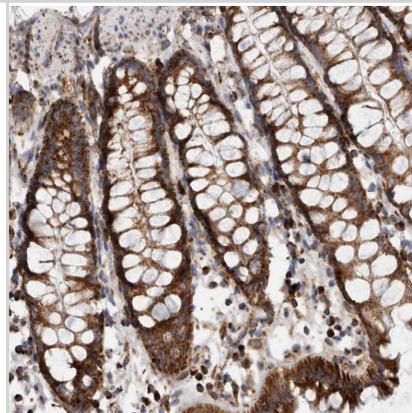
Analysis using Anti-IARS2 antibody HPA024212 (A) shows similar pattern to independent antibody HPA024594 (B).



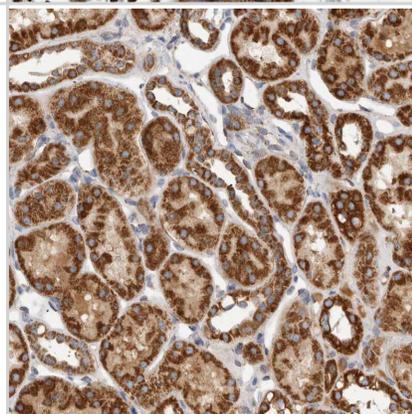
Staining of human testis shows moderate granular cytoplasmic positivity in cells in seminiferous ducts.



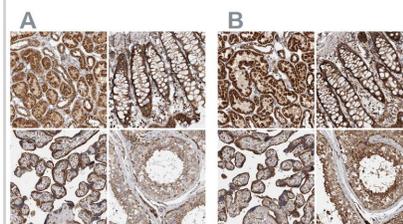
Staining of human rectum shows strong granular cytoplasmic positivity in glandular cells.



Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Staining of human kidney, lower gastrointestinal, placenta and testis using Anti-IARS2 antibody HPA024212 (A) shows similar protein distribution across tissues to independent antibody HPA024594 (B).



Publications

Perli E, Giordano C, Tuppen HA et al. Isoleucyl-tRNA synthetase levels modulate the penetrance of a homoplasmic m.4277T>C mitochondrial tRNA(Ile) mutation causing hypertrophic cardiomyopathy. *Hum Mol Genet* 2012-01-01 [PMID: 21945886]



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Products Related to NBP1-84639

NBP1-84639PEP	IARS2 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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