

# Product Datasheet

## IARS2 Antibody - BSA Free

### NBP1-84638

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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Updated 12/2/2025 v.20.1

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**NBP1-84638**

IARS2 Antibody - BSA Free

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

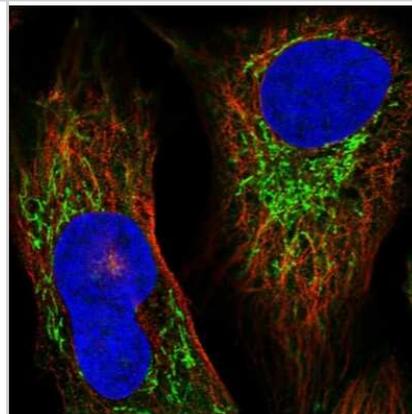
Product Description	
<b>Description</b>	Novus Biologicals Rabbit IARS2 Antibody - BSA Free (NBP1-84638) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	55699
<b>Gene Symbol</b>	IARS2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (81%).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: VASQHNLPMDCLVDEDGVFTDVAGPELQNKAVLEEGTDVVIKMLQTAKNLLKE EKLVHSYPYDWRKPKPVIRASKQWFINITDIKTA

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

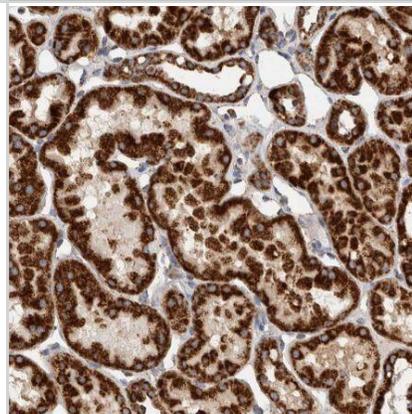


**Images**

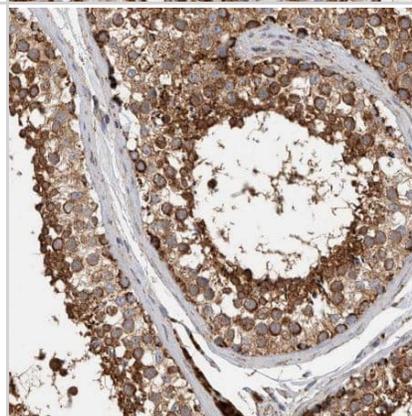
Immunocytochemistry/Immunofluorescence: IARS2 Antibody [NBP1-84638] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



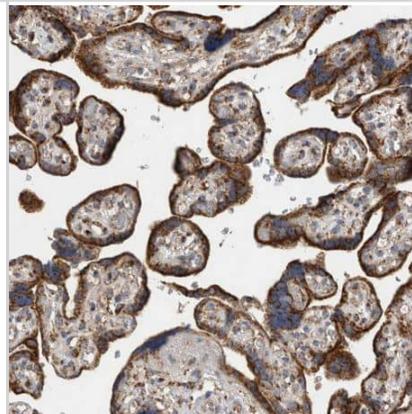
Immunohistochemistry-Paraffin- IARS2 Antibody [NBP1-84638] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



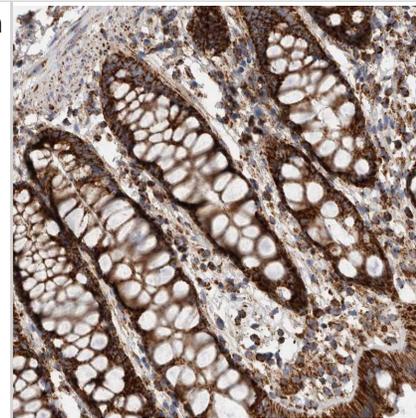
Immunohistochemistry-Paraffin- IARS2 Antibody [NBP1-84638] - Staining of human testis shows moderate granular cytoplasmic positivity in cells in seminiferous ducts.



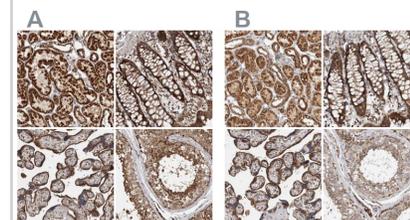
Immunohistochemistry-Paraffin- IARS2 Antibody [NBP1-84638] - Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



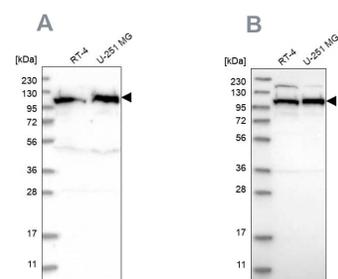
Staining of human rectum shows strong granular cytoplasmic positivity in glandular cells.



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



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





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### **Products Related to NBP1-84638**

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NBP1-84638PEP	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

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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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