

# Product Datasheet

## Isoleucyl tRNA synthetase Antibody - BSA Free NBP3-13037

Unit Size: 100 ul

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

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**NBP3-13037**

Isoleucyl tRNA synthetase Antibody - BSA Free

Product Information	
Unit Size	100 ul
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	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	144 kDa

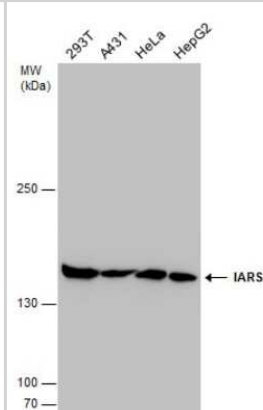
Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene ID	3376
Gene Symbol	IARS1
Species	Human, Rat
Reactivity Notes	Xenopus laevis (80%)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Isoleucyl tRNA synthetase. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

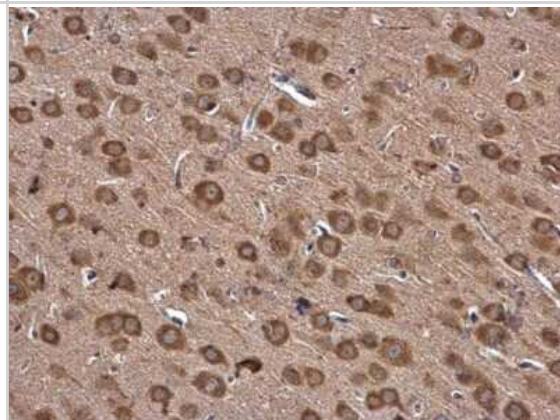


## Images

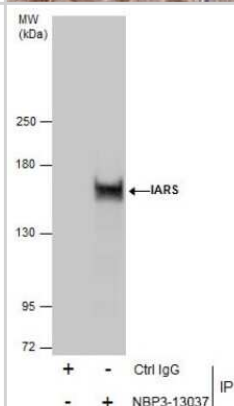
**Western Blot: Isoleucyl tRNA synthetase Antibody [NBP3-13037]** - Isoleucyl tRNA synthetase antibody detects Isoleucyl tRNA synthetase protein by western blot analysis. Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Isoleucyl tRNA synthetase antibody (NBP3-13037) diluted at 1:4000.



**Immunohistochemistry-Paraffin: Isoleucyl tRNA synthetase Antibody [NBP3-13037]** - Rat brain. Isoleucyl tRNA synthetase antibody (NBP3-13037) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



**Immunoprecipitation: Isoleucyl tRNA synthetase Antibody [NBP3-13037]** - Immunoprecipitation of Isoleucyl tRNA synthetase protein from 293T whole cell extracts using 5 ug of Isoleucyl tRNA synthetase antibody (NBP3-13037). Western blot analysis was performed using Isoleucyl tRNA synthetase antibody (NBP3-13037) diluted at 1:2500. EasyBlot anti-Rabbit IgG was used as a secondary reagent.





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### **Products Related to NBP3-13037**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003376-Q01-10ug	Recombinant Human Isoleucyl tRNA synthetase GST (N-Term) Protein

### **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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