

Product Datasheet

Alanyl tRNA synthetase Antibody - Azide and BSA Free NBP3-12770-100ul

Unit Size: 100 ul

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

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NBP3-12770-100ul

Alanyl tRNA synthetase Antibody - Azide and BSA Free

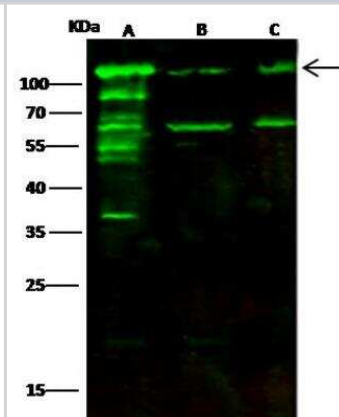
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen and protein A Affinity-purified
Buffer	0.2 um filtered solution in PBS

Product Description	
Description	This antibody can be stored at 2-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	16
Gene Symbol	AARS1
Species	Mouse
Immunogen	Produced in rabbits immunized with purified, recombinant Mouse Alanyl tRNA synthetase (Uniprot#: Q8BGQ7; Met1-Asn968).

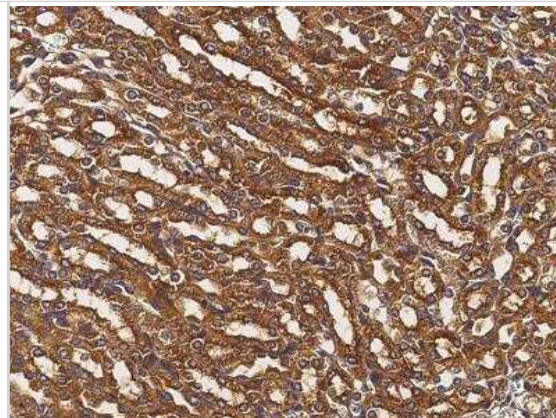
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:25000-1:50000, Immunocytochemistry/Immunofluorescence 1:1000-1:5000, Immunoprecipitation 0.2-1 uL/mg of lysate, Immunohistochemistry-Paraffin 1:2500-1:15000

Images

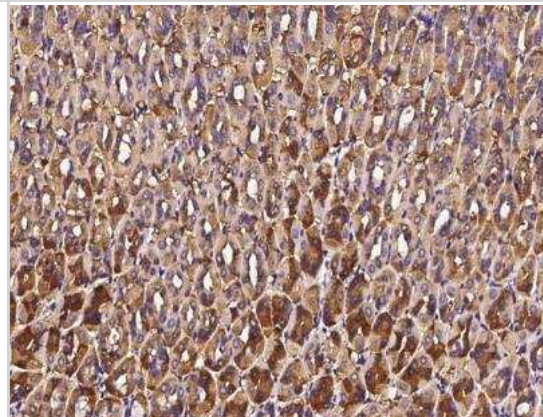
Western Blot: Alanyl tRNA synthetase Antibody [NBP3-12770] - Lane A: NIH3T3 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: K562 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:107 kDa Observed band size:107 kDa (We are unsure as to the identity of these extra bands.)



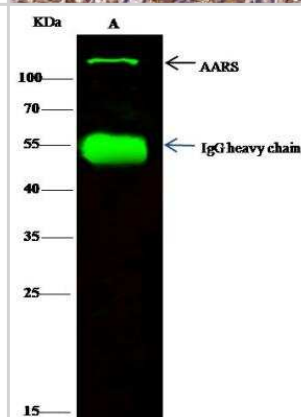
Immunohistochemistry-Paraffin: Alanyl tRNA synthetase Antibody [NBP3-12770] - Staining of mouse AARS in mouse kidney with rabbit polyclonal antibody at 1:10000 dilution.



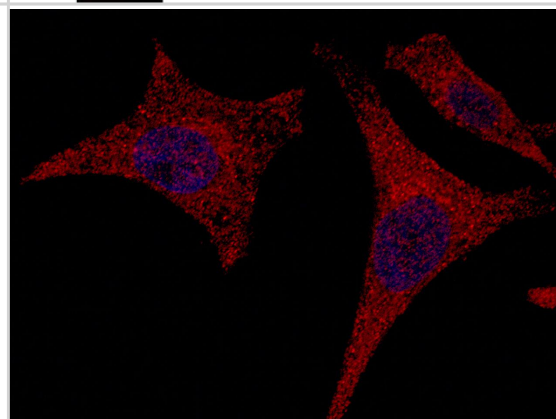
Immunohistochemistry-Paraffin: Alanyl tRNA synthetase Antibody [NBP3-12770] - Staining of mouse AARS in mouse stomach with rabbit polyclonal antibody at 1:10000 dilution.



Immunoprecipitation: Alanyl tRNA synthetase Antibody [NBP3-12770] - Lane A: 0.5 mg K562 Whole Cell Lysate 0.5 uL anti-Mouse AARS rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-Mouse AARS rabbit polyclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 107 kDa Observed band size: 107 kDa



Immunocytochemistry/Immunofluorescence: Alanyl tRNA synthetase Antibody [NBP3-12770] - Staining of AARS in HeLa cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with NBP3-12770 antibody (1:5000) at 4°C overnight. Then cells were stained with the Alexa Fluor 594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.





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Products Related to NBP3-12770-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000016-P01-10ug	Recombinant Human Alanyl 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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