

Product Datasheet

Alanyl tRNA synthetase Antibody 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****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	Protein A purified
Buffer	0.2 um filtered solution in PBS

Product Description

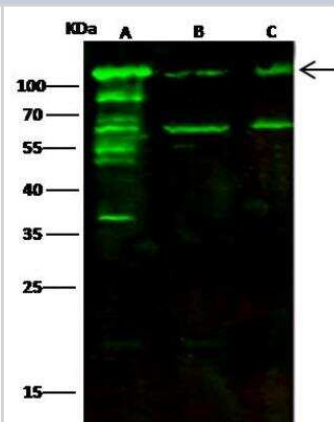
Description	This antibody can be stored at 2-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	16
Gene Symbol	AARS1
Species	Mouse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

Product Application Details

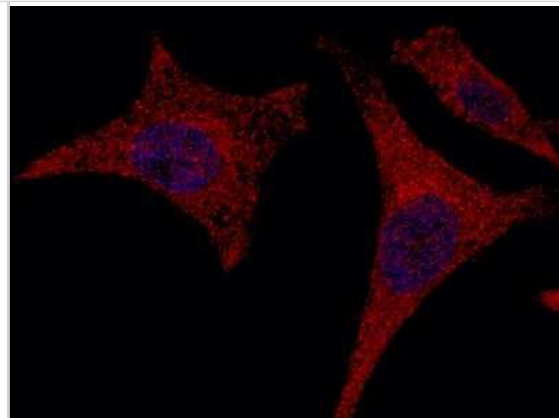
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:25000-1:50000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:1000-1:5000, Immunoprecipitation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

Images

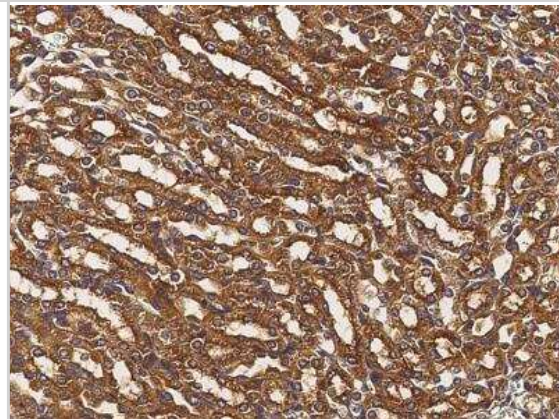
Western Blot: Alanyl tRNA synthetase Antibody [NBP3-12770] - Lane A: NIH3T3 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: K562 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. 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.)



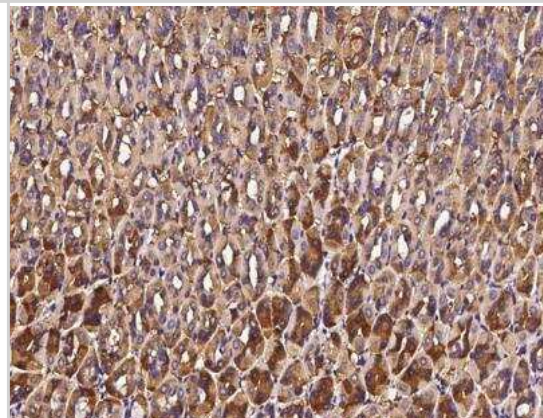
Immunocytochemistry/Immunofluorescence: Alanyl tRNA synthetase Antibody [NBP3-12770] - Staining of AARS in HeLa cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-mouse AARS polyclonal antibody (1:5000) at 4°C overnight. Then cells were stained with the Alexa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



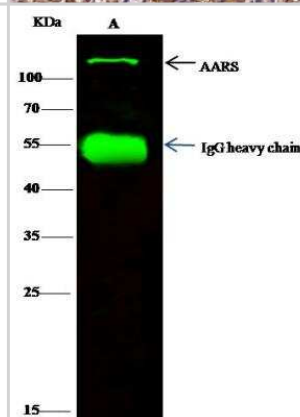
Immunohistochemistry-Paraffin: Alanyl tRNA synthetase Antibody [NBP3-12770] - Staining of mouse AARS in mouse kidney with rabbit polyclonal antibody at 1:10000 dilution.



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 odssey technique. Performed under reducing conditions. Predicted band size: 107 kDa Observed band size: 107 kDa



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Products Related to NBP3-12770-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
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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