

## ARG40751 anti-VARS / valyl tRNA synthetase antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes VARS / valyl tRNA synthetase
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	VARS / valyl tRNA synthetase
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-280 of Human VARS (NP_006286.1).
Conjugation	Un-conjugated
Alternate Names	Valyl-tRNA synthetase; G7A; EC 6.1.1.9; VARS2; VARS1; Valine--tRNA ligase; Protein G7a; ValRS

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse liver	
Observed Size	140 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

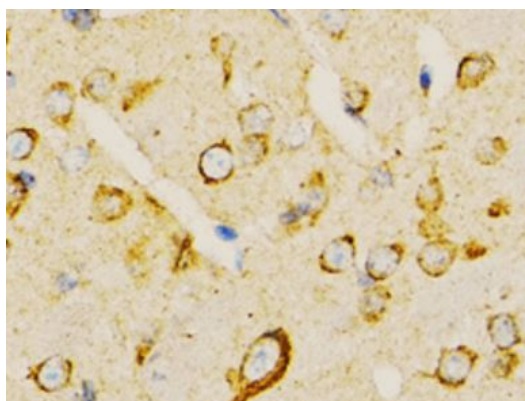
**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

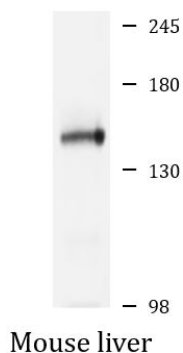
Gene Symbol	VARS
Gene Full Name	valyl-tRNA synthetase
Background	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. The protein encoded by this gene belongs to class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex. [provided by RefSeq, Jul 2008]
Calculated Mw	140 kDa

## Images



ARG40751 anti-VARS / valyl tRNA synthetase antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain stained with ARG40751 anti-VARS / valyl tRNA synthetase antibody at 1:100 dilution.



ARG40751 anti-VARS / valyl tRNA synthetase antibody WB image

Western blot: 25 µg of Mouse liver lysate stained with ARG40751 anti-VARS / valyl tRNA synthetase antibody at 1:1000 dilution.