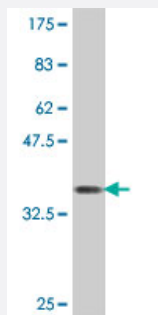


VARS polyclonal antibody (A01)

Catalog # H00007407-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.1 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant VARS.
Immunogen	VARS (NP_006286, 994 a.a. ~ 1102 a.a) partial recombinant protein with GST tag.
Sequence	AVRLSNQGFQAYDFPAVTTAQYSFWLYELCDVYLECLKPVLNGVDQVAAECARQTLTCLDVGL RLLSPFMPFVTEELFQRLPRMPQAPPSLCVTPYPEPSECSWKDP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.1 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — VARS

Entrez GeneID [7407](#)

GeneBank Accession# [NM_006295](#)

Protein Accession# [NP_006286](#)

Gene Name VARS

Gene Alias G7A, VARS1, VARS2

Gene Description valyl-tRNA synthetase

Omim ID [192150](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations valine tRNA ligase 1, cytoplasmic|valyl-tRNA synthetase 2

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Valine](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)