

Rabbit anti-Human VARS Polyclonal Antibody | anti-VARS antibody

VARS Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289148	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

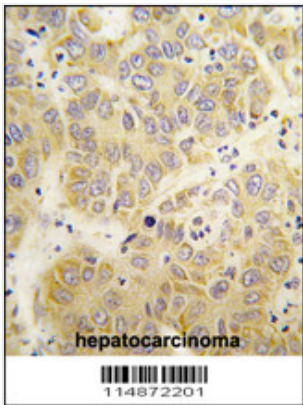
PRODUCT SYNONYMS

VARS; Polyclonal Antibody; VARS Antibody (N-term); Valine--tRNA ligase; Protein G7a; Valyl-tRNA synthetase; ValRS; G7A; VARS2; anti-VARS antibody

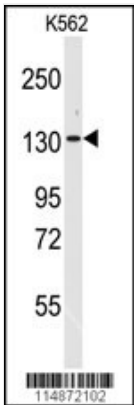
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VARS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 251-279 amino acids from the N-terminal region of human VARS.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	251-279
Sequence Length	1264
Applicable Applications for anti-VARS antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with the VARS antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-VARS Antibody (N-term) in K562 cell line lysates (35ug/lane).VARS (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-VARS antibody	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. This protein belongs to the class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex.
References	Jiang,S., FEBS Lett. 579 (27), 6049-6054 (2005) Bonfond,L., Biochemistry 44 (12), 4805-4816 (2005) Xie,T., Genome Res. 13 (12), 2621-2636 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454158
NCBI GeneID	7407
NCBI Accession #	NP_006286.1
NCBI GenBank Nucleotide #	NM_006295.2
UniProt Accession #	P26640; Q5JQ90; Q96E77; Q9UQM2; B0V1N1; B4DZ61
Molecular Weight	140476
NCBI Official Full Name	valine--tRNA ligase
NCBI Official Synonym Full Names	valyl-tRNA synthetase
NCBI Official Symbol	VARs
NCBI Official Synonym Symbols	G7A; VARs1; VARs2
NCBI Protein Information	valine--tRNA ligase
UniProt Protein Name	Valine--tRNA ligase
UniProt Gene Name	VARs
UniProt Synonym Gene Names	G7A; VARs2; ValRS
UniProt Entry Name	SYVC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/vars-antibody-immunohistochemistry-western-blot-elisa/289148>