

Rabbit Valyl tRNA Synthetase Polyclonal Antibody | anti-VARS antibody

Polyclonal Antibody to Valyl tRNA Synthetase (VARS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145685	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

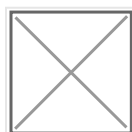
PRODUCT SYNONYMS

Valyl tRNA Synthetase; Polyclonal Antibody; Polyclonal Antibody to Valyl tRNA Synthetase (VARS); G7A; VARS2; ValRS; Valine tRNA Ligase 1; Cytoplasmic; Protein G7a; anti-VARS antibody

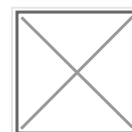
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against VARS. It has been selected for its ability to recognize VARS in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	1264
Applicable Applications for anti-VARS antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	VARS (Ser2~Gln219)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant VARS (Ser2~Gln219) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

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	33,795 Da
NCBI Official Full Name	valine--tRNA ligase
NCBI Official Synonym Full Names	valyl-tRNA synthetase
NCBI Official Symbol	VAR5
NCBI Official Synonym Symbols	G7A; VAR51; VAR52; NDMSCA
NCBI Protein Information	valine--tRNA ligase
UniProt Protein Name	Valine--tRNA ligase
UniProt Gene Name	VAR5
UniProt Synonym Gene Names	G7A; VAR52; ValRS

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/valyl-trna-synthetase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145685>