Datasheet for ABIN930960

anti-VARS antibody

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Overview

Quantity:	50 µg
Target:	VARS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VARS antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	VARS1 antibody was raised in mouse using recombinant Human G7 A For Valyl-Trna Synthetase.
Clone:	VARSA7E6
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	VARS
Alternative Name:	VARS1 (VARS Products)

Target Details

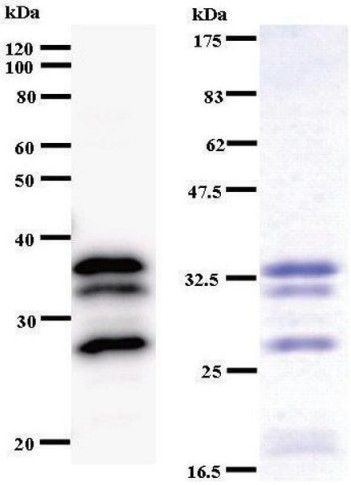
Background:	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. The 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. Synonyms: Monoclonal VARS1 antibody, Anti-VARS1 antibody, Valyl-tRNA synthetase antibody, G7a antibody.

Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	Lot specific
Buffer:	Mouse monoclonal anti-humanVARS1 antibody in PBS (3.0 mM KCl, 1.5 mM KH2 PO4 140 mM NaCl, 8.0 mM Na2 P04 (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN3).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1. Left: VARS1 staining. Right: Coomassie Blue staining of immunized recombinant protein.

