

Datasheet for ABIN631756
anti-VARS antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	VARS
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VARS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	VARS antibody was raised using the middle region of VARS corresponding to a region with amino acids VFDEFVDMDFGTGAVKITPAHDQNDYEVGQRHGLEAISIMDSRGALINVP
Specificity:	VARS antibody was raised against the middle region of VARS
Purification:	Affinity purified

Target Details

Target:	VARS
Alternative Name:	VARS (VARS Products)
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

Target Details

evolution. VARS belongs to class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex.

Molecular Weight: 140 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: VARS Blocking Peptide, catalog no. 33R-9521, is also available for use as a blocking control in assays to test for specificity of this VARS antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of VARS antibody in PBS

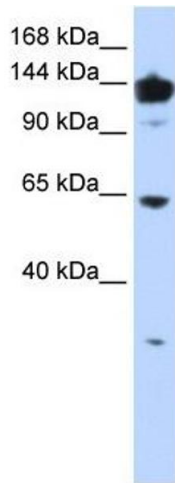
Concentration: Lot specific

Buffer: PBS

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 short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. VARS antibody used at 1 ug/ml to detect target protein.