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Datasheet for ABIN1683239
anti-VARS antibody (AA 1-280)

5 Images

Overview

Quantity:	100 µg
Target:	VARS
Binding Specificity:	AA 1-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human VARS (NP_006286.1).
Sequence:	MSTLYVSPHP DAFPSLRALI AARYGEAGEG PGWGGAHPRI CLQPPPTSRT PFPPPRLPAL EQGPGGLWWV GATAVAQLLW PAGLGGPGGS RAAVLVQQWV SYADTELIPA ACGATLPALG LRSSAQDPQA VLGALGRALS PLEEWLRLHT YLAGEAPTLA DLAAVTALLL PFRYVLDPPA RRIWNNVTRW FVTCVRQPEF RAVLGEVLY SGARPLSHQP GPEAPALPKT AAQLKKEAKK REKLEKFQQK QKIQQQPPP GEKKPKPEKR EKRDPGVITY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

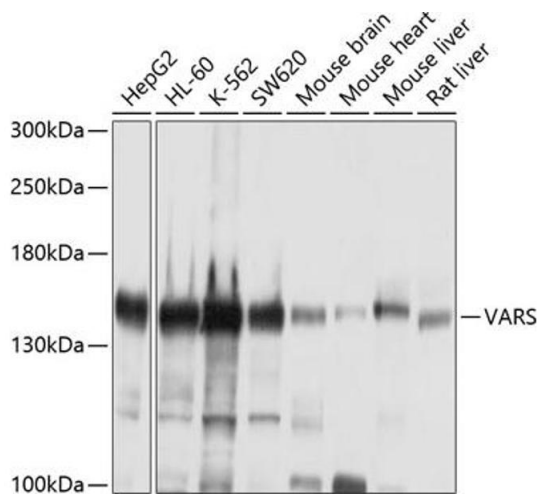
Target:	VARs
Alternative Name:	VARs (VARs Products)
Background:	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in 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.,VARs,G7A,VARs1,VARs2,Epigenetics & Nuclear Signaling,VARs
Molecular Weight:	33 kDa/140 kDa
Gene ID:	7407
UniProt:	P26640

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100
Restrictions:	For Research Use only

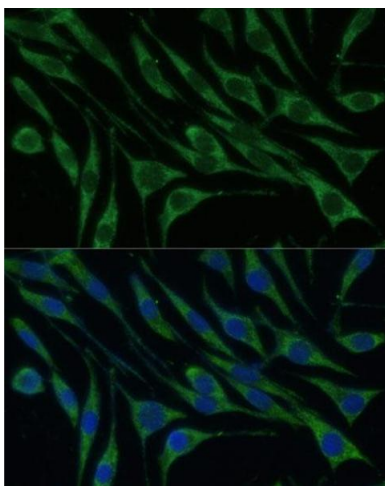
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



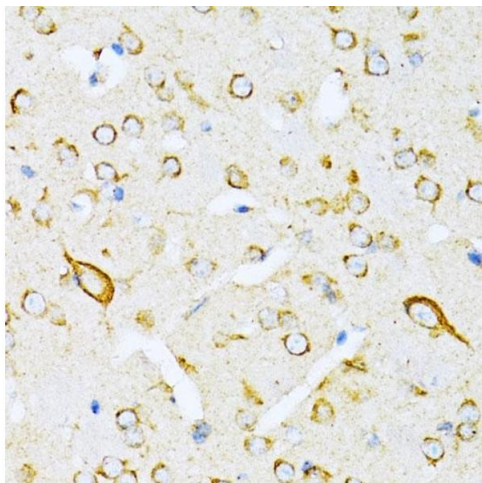
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using VARs antibody (ABIN1683239, ABIN3018665, ABIN3018666 and ABIN6220533) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence

Image 2. Immunofluorescence analysis of L929 cells using VARs Polyclonal Antibody (ABIN1683239, ABIN3018665, ABIN3018666 and ABIN6220533) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded mouse brain using VARs antibody (ABIN1683239, ABIN3018665, ABIN3018666 and ABIN6220533) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1683239.