

ARG55008 anti-VAPB antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes VAPB
Tested Reactivity	Hu, Rat
Predict Reactivity	Bov, Pig
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	VAPB
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 126-139 (Center) of Human VAPB.
Conjugation	Un-conjugated
Alternate Names	Vesicle-associated membrane protein-associated protein B/C; ALS8; VAMP-B/VAMP-C; VAMP-associated protein B/C; VAMP-B; VAP-B; VAP-B/VAP-C

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 60431 Rat GeneID: 9217 Human Swiss-port # O95292 Human Swiss-port # Q9Z269 Rat
Gene Symbol	VAPB
Gene Full Name	VAMP (vesicle-associated membrane protein)-associated protein B and C
Background	The protein encoded by this gene is a type IV membrane protein found in plasma and intracellular vesicle membranes. The encoded protein is found as a homodimer and as a heterodimer with VAPA. This protein also can interact with VAMP1 and VAMP2 and may be involved in vesicle trafficking. [provided by RefSeq, Jul 2008]
Function	Participates in the endoplasmic reticulum unfolded protein response (UPR) by inducing ERN1/IRE1 activity. Involved in cellular calcium homeostasis regulation. [UniProt]
Research Area	Cancer antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	27 kDa
Cellular Localization	Endoplasmic reticulum membrane; Single-pass type IV membrane protein Note=Present in mitochondria-associated membranes that are endoplasmic reticulum membrane regions closely apposed to the outer mitochondrial membrane.

Images



HeLa

ARG55008 anti-VAPB antibody WB image

Western blot: 35 µg of HeLa cell lysate stained with ARG55008 anti-VAPB antibody at 1:1000 dilution.