

## ARG52245 anti-Clavesin antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Clavesin
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Clavesin
Species	Rat
Immunogen	Synthetic peptide corresponding to amino acid residues from the C-terminal region conjugated to KLH
Conjugation	Un-conjugated
Alternate Names	Clavesin-1; Retinaldehyde-binding protein 1-like 1; Cellular retinaldehyde-binding protein-like; CRALBPL; RLBP1L1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50
	WB	1:1,000

**Application Note** Specific for the ~ 35 kDa clavesin 1/2 protein doublet in Western blots of Rat brain lysate. Isoform-specific knock down in cultured hippocampal neurons indicates that the lower and upper bands are clavesin 1 and 2, respectively.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity Purified
Buffer	PBS and 50% Glycerol
Stabilizer	50% Glycerol
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. 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

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Database links [GeneID: 366311 Rat](#)  
[Swiss-port # A6JFQ6 Rat](#)

Gene Symbol CLVS1/2

Gene Full Name clavesin 1

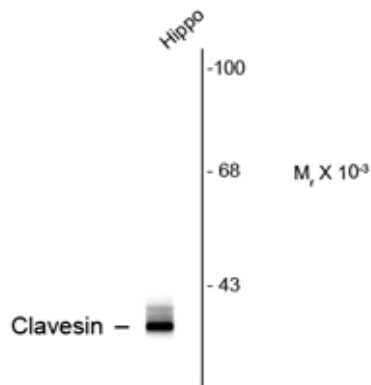
Background Clavesin (clathrin vesicle associated Sec14 protein) is a novel neuron specific protein that has recently been identified and shown to be required for normal morphology of late endosomes and/or lysosomes as lentiviral-mediated knockdown of clavesin in hippocampal neurons causes lysosomal defects (Kato et al., 2009). Additionally, upregulation of clavesin in human hepatocellular carcinoma has recently been demonstrated thus making it a useful marker for this disease state (Zhao et al., 2008).

Research Area Cancer antibody; Signaling Transduction antibody

Calculated Mw 41 kDa

## Images

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ARG52245 anti-Clavesin antibody WB image

Western Blot: rat hippocampal homogenate showing specific immunolabeling of the ~35k clavesin protein stained with Clavesin antibody (ARG52245).