

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	<p>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.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

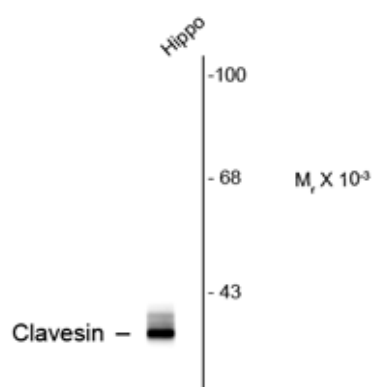
Properties

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

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 (Katoh 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



ARG52245 anti-Clavesin antibody WB image

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