

Datasheet for ABIN6658285
anti-Clavesin 1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	Clavesin 1 (CLVS1)
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Clavesin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Clavesin Antibody
Immunogen:	Anti-Clavesin Antibody was produced in rabbit by repeated immunizations with synthetic peptide corresponding to amino acid residues from the C-terminal region conjugated to KLH.
Isotype:	IgG
Cross-Reactivity (Details):	Anti-Clavesin antibody is directed against rat Clavesin protein.
Purification:	The antibody was affinity purified from monospecific antiserum by immunoaffinity purification.

Target Details

Target:	Clavesin 1 (CLVS1)
Alternative Name:	Clavesin (CLVS1 Products)

Target Details

Background:	Synonyms: Retinaldehyde-binding protein 1-like 1 Background: Clavesin antibody recognizes clavesin (clathrin vesicle associated Sec14 protein) which 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. Additionally, upregulation of clavesin in human hepatocellular carcinoma has recently been demonstrated thus making it a useful marker for this disease state. Anti-Clavesin antibody is ideal for investigators involved in Cell Signaling, Neuroscience, Signal Transduction research. Gene Name: CLVS1/2
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Gene ID:	366311
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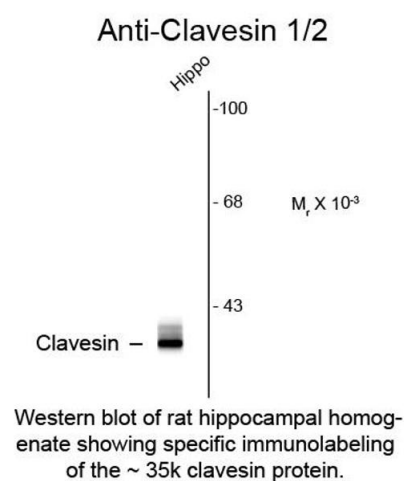
UniProt:	A6JFQ6
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Application Details

Application Notes:	ELISA_Dilution: 1:10,000 Western_Blot_Dilution: 1:1000 Other: ICC 1:50
Comment:	Anti-Clavesin antibody is tested for use in ELISA, Western Blotting and ICC. Specific conditions for reactivity should be optimized by the end user. Expect a band of approximately 35 kDa in size corresponding to clavesin 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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 50 % (v/v) Glycerol
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. This product is stable at 4° C as an undiluted liquid. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.
Expiry Date:	12 months



Western Blotting

Image 1. Western Blot of Anti-Clavesin (Rabbit) Antibody - 612-401-D17 Western Blot of Anti-Clavesin (Rabbit) Antibody. Lane 1: rat hippocampal homogenate. Lane 2: none. Load: 10 µg per lane. Primary antibody: Clavesin antibody at 1:400 for overnight at 4°C. Secondary antibody: rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: ~ 35kDa/~kDa for clavesin protein. Other band(s): none.