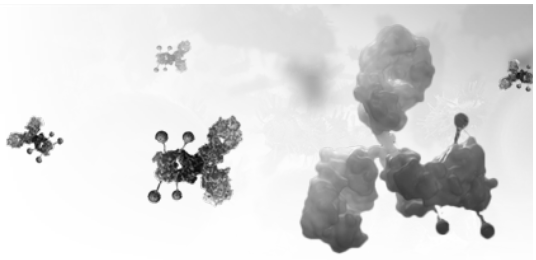

Anti-CLVS1 (C-terminal) polyclonal antibody (DPABH-29191)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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).
Specificity	Specific for 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.
Immunogen	Synthetic peptide from the C terminus of Rat Clavesin 1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, ICC
Format	Liquid
Size	100 µl
Buffer	Constituents: 50% Glycerol, 100µg/ml BSA, 150mM Sodium chloride, 10mM HEPES. pH 7.5

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Preservative	None
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	CLVS1 clavesin 2 [Rattus norvegicus]
Official Symbol	CLVS1
Synonyms	CLVS1; clavesin 1; Rlbp1l1; Clavesin-1; RGD1564200; clavesin-1; retinaldehyde-binding protein 1-like 1; Retinaldehyde-binding protein 1-like protein 1;
Entrez Gene ID	366311
Protein Refseq	NP_001102439.1
UniProt ID	A6JFQ6
Function	phosphatidylinositol-3,5-bisphosphate binding; phosphatidylinositol-3,5-bisphosphate binding; phosphatidylinositol-3,5-bisphosphate binding; transporter activity

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