

Datasheet for ABIN6991297

anti-EFHD1 antibody (N-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	EFHD1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EFHD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	EFHD1 antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human EFHD1. The immunogen is located within the first 50 amino acids of EFHD1.
Isotype:	IgG
Purification:	EFHD1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	EFHD1
Alternative Name:	EFHD1 (EFHD1 Products)
Background:	EFHD1 Antibody: EFHD1, also known as Swiprosin-2 or SWS2, is an EF-hand and coiled-coil-containing adaptor protein identified in a subtractive hybridization study using a neuronal cell line established from the cerebellum of an adult p53-null mouse, however further study

Target Details

indicated no difference in normal mice. Its mRNA is widely expressed, with its expression in brain undetectable at embryonic stages, with increasing levels from postnatal to adult development. In situ hybridization showed expression in neurons but not white matter of the cerebellum and cerebrum. EHFD1 is also highly expressed in testes, ovary, and the collecting ducts of the kidney, suggesting that in non-neuronal cells, EFHD1 may be involved in gametogenesis and water-reabsorption.

Gene ID:	80303
NCBI Accession:	NP_079478
UniProt:	Q9BUP0

Application Details

Application Notes: EFHD1 antibody can be used for detection of EFHD1 by Western blot at 2 - 4 µg/mL. Antibody can also be used for immunofluorescence starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in rat samples.
All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	EFHD1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	EFHD1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.