

Datasheet for ABIN499782

anti-EFHD1 antibody (N-Term)[Go to Product page](#)**1** Image

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), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	EFHD1 antibody was raised against a 14 amino acid peptide near the amino terminus of human EFHD1.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	EFHD1
Alternative Name:	EFHD1 (EFHD1 Products)
Background:	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 indicated no difference in

Target Details

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-reabsorbtion.Synonyms: EF-hand domain-containing protein 1, EF-hand domain-containing protein D1, PP3051, SWS2, Swiprosin 2, Swiprosin-2

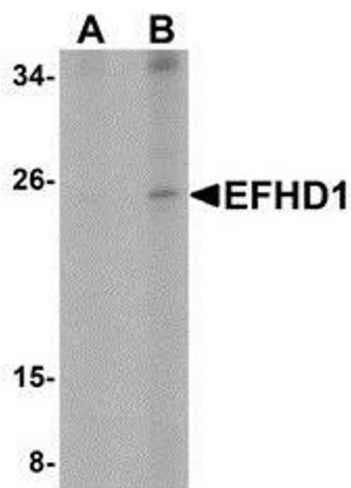
Gene ID:	80303
NCBI Accession:	NP_079478
UniProt:	Q9BUP0

Application Details

Application Notes:	ELISA. Western Blot: 2 - 4 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1. Western blot analysis of EFHD1 in human spleen tissue lysate with AP30309PU-N EFHD1 antibody at (A) 2 and (B) 4 µg/ml.