

Datasheet for ABIN1418218 **anti-EFHD1 antibody (HRP)**



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Overview

Quantity:	100 µL
Target:	EFHD1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EFHD1 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EFHD1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	EFHD1
Alternative Name:	EFHD1 (EFHD1 Products)
Background:	Synonyms: EF hand domain containing 1, EF hand domain family, member D1, EF-hand domain-containing protein 1, EF-hand domain-containing protein D1, EFHD1, EFHD1_HUMAN, Mitocalcin, MST133, MSTP133, PP3051, RGD1559565, Swiprosin 2, Swiprosin-2, SWS2. Background: The EF-hand domain is a twelve amino acid loop motif that is commonly found in

Target Details

proteins that participate in calcium-binding events within the cell. EF-hand domains generally exist in a pair that, together, form a stable four-helix bundle that enables the binding of calcium ions. Swiprosin-2, also known as EFHD1 (EF-hand domain-containing protein D1), SWS2, PP3051 or MST133, is a 239 amino acid protein that contains two EF-hand domains and is expressed in a wide variety of tissues, including brain, liver, heart, kidney, testis, ovaries and spleen. Expression of Swiprosin-2, a possible calcium-binding protein, is upregulated during neuronal differentiation, suggesting a role for Swiprosin-2 in brain development and maturation.

Gene ID: 80303

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months