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Datasheet for ABIN2812687  
**anti-EFHD1 antibody (AbBy Fluor® 594)**

### Overview

Quantity:	100 µL
Target:	EFHD1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EFHD1 antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (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 ( <a href="#">EFHD1 Products</a> )
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

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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.

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Gene ID: 80303

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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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.

Storage: -20 °C

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

Expiry Date: 12 months