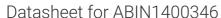
## antibodies .- online.com





## anti-EFHD1 antibody (Alexa Fluor 647)



Go to Product page

( )	1/0	r\ /1	014	
( )	ve	I V I	-v	V

Quantity:	100 μL	
Target:	EFHD1	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This EFHD1 antibody is conjugated to Alexa Fluor 647	
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 (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_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:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 ua/ul

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	