

EFHD1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17970c**Specification**

EFHD1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9BUP0
Other Accession	Q17QM6 , NP_079478.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26928
Antigen Region	68-94

EFHD1 Antibody (Center) - Additional Information**Gene ID** 80303**Other Names**

EF-hand domain-containing protein D1, EF-hand domain-containing protein 1, Swiprosin-2, EFHD1, SWS2

Target/Specificity

This EFHD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-94 amino acids from the Central region of human EFHD1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

EFHD1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

EFHD1 Antibody (Center) - Protein Information**Name** EFHD1

Synonyms SWS2

Function Acts as a calcium sensor for mitochondrial flash (mitoflash) activation, an event characterized by stochastic bursts of superoxide production (PubMed:[26975899](#)). May play a role in neuronal differentiation (By similarity).

Cellular Location

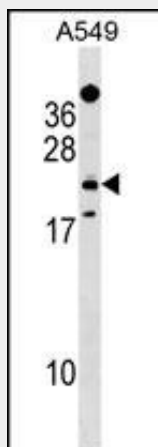
Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q9D4J1}

EFHD1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EFHD1 Antibody (Center) - Images



EFHD1 Antibody (Center) (Cat. #AP17970c) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the EFHD1 antibody detected the EFHD1 protein (arrow).

EFHD1 Antibody (Center) - Background

EFHD1 is an EF-hand domain-containing protein that displays increased expression during neuronal differentiation (Tominaga and Tomooka, 2002 [PubMed 12270117]).

EFHD1 Antibody (Center) - References

Tominaga, M., et al. Biochem. Biophys. Res. Commun. 297(3):473-479(2002)