

EFHD1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13560**Specification**

EFHD1 Antibody (N-Terminus) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q9BUP0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

EFHD1 Antibody (N-Terminus) - 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

Human EFHD1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

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

EFHD1 Antibody (N-Terminus) - 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

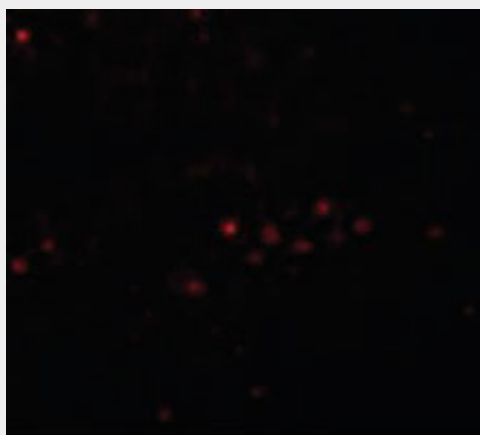
Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q9D4J1}

EFHD1 Antibody (N-Terminus) - Protocols

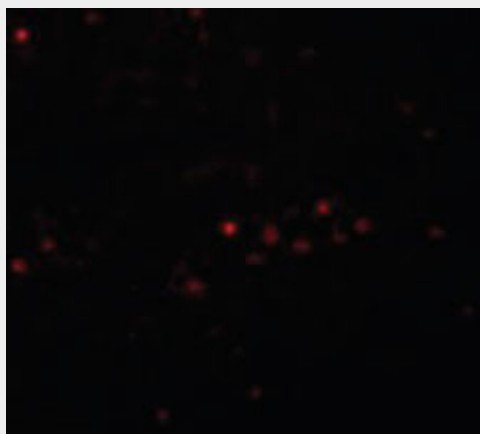
Provided below are standard protocols that you may find useful for product applications.

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

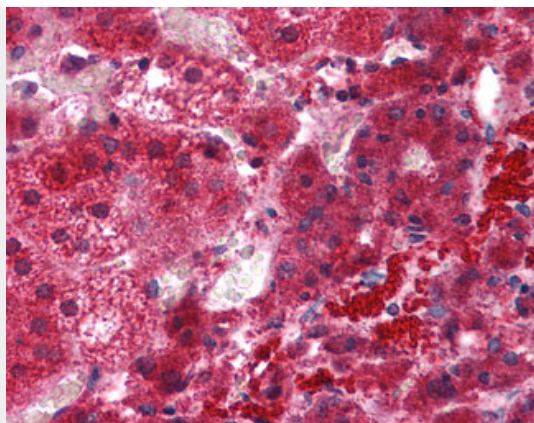
EFHD1 Antibody (N-Terminus) - Images



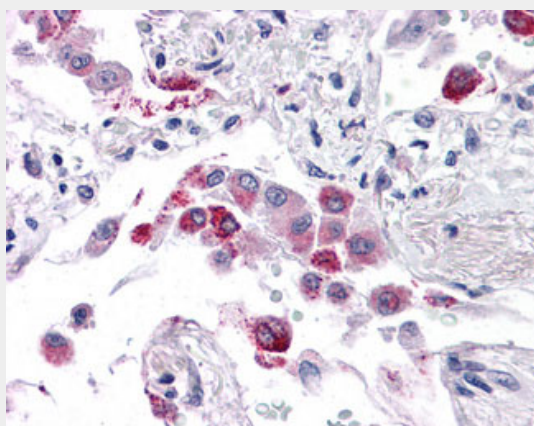
Immunofluorescence of EFHD1 in rat spleen tissue with EFHD1 antibody at 5 ug/ml.



Immunofluorescence of EFHD1 in Rat Spleen cells with EFHD1 antibody at 20 ug/ml.



Anti-EFHD1 antibody IHC of human adrenal.



Anti-EFHD1 antibody IHC of human lung.

EFHD1 Antibody (N-Terminus) - References

Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).