

EFHD1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17970c**Specification**

EFHD1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9BUP0](#)**EFHD1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 80303**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EFHD1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EFHD1 Antibody (Center) Blocking Peptide - Images**EFHD1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - References

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