

**FSD1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17122a****Specification**

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**FSD1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9BTV5](#)**FSD1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 79187**Other Names**Fibronectin type III and SPRY domain-containing protein 1, MID1-related protein 1,  
Microtubule-associated protein GLFND, FSD1, GLFND, MIR1**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.

**FSD1 Antibody (N-term) Blocking Peptide - Protein Information****Name** FSD1**Synonyms** GLFND, MIR1**Function**

May be involved in microtubule organization and stabilization.

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus. Cytoplasm. Cleavage furrow. Note=Cell- cycle-dependent association with the centrosome. Colocalizes with a subpopulation of microtubules. Does not associate with microtubules during mitosis but reassociates with microtubules during cytokinesis Localizes to the central portions of a small subset of microtubules in interphase cells and a subpopulation of microtubules in the cleavage furrow, not present in the mitotic spindle

**Tissue Location**

Highly expressed in brain tissues, including cerebellum, cerebral cortex, medulla, occipital pole, frontal lobe, temporal lobe and putamen. Lower expression in spinal chord

## **FSD1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **FSD1 Antibody (N-term) Blocking Peptide - Images**

## **FSD1 Antibody (N-term) Blocking Peptide - Background**

This gene encodes a centrosome associated protein that is characterized by an N-terminal coiled-coil region downstream of B-box (BBC) domain, a central fibronectin type III domain, and a C-terminal repeats in SPLA and RyR (SPRY) domain. The encoded protein associates with a subset of microtubules and may be involved in the stability and organization of microtubules during cytokinesis.

## **FSD1 Antibody (N-term) Blocking Peptide - References**

Manabe, R., et al. Curr. Biol. 12(22):1946-1951(2002) Stein, P.A., et al. J. Cell. Sci. 115 (PT 17), 3389-3402 (2002) :Carim-Todd, L., et al. Biochim. Biophys. Acta 1518 (1-2), 200-203 (2001) :