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# FHOD3 Antibody (C-term) Blocking peptide
**Synthetic peptide**
**Catalog # BP10236b**

## Specification

### FHOD3 Antibody (C-term) Blocking peptide - Product Information

| | |
|---|---|
| Primary Accession | Q2V2M9 |
| Other Accession | NP_079411.2 |

### FHOD3 Antibody (C-term) Blocking peptide - Additional Information

**Gene ID** 80206

**Other Names**
FH1/FH2 domain-containing protein 3, Formactin-2, Formin homolog overexpressed in spleen 2, hFHOS2, FHOD3, FHOS2, KIAA1695

**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.

### FHOD3 Antibody (C-term) Blocking peptide - Protein Information

**Name** FHOD3

**Synonyms** FHOS2, KIAA1695

**Function**
Actin-organizing protein that may cause stress fiber formation together with cell elongation (By similarity). Isoform 4 may play a role in actin filament polymerization in cardiomyocytes.

**Cellular Location**
Cytoplasm, cytoskeleton. Note=Main part of the protein localizes to actin fibers and the remaining part displays filamentous staining

**Tissue Location**
Expressed in the heart, kidney and brain. May be down-regulated in various types of heart diseases, including idiopathic dilated, ventricular dilated, familial dilated and perinatal dilated cardiomyopathies, as well as ischemic heart disease (at protein level)

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## FHOD3 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

## FHOD3 Antibody (C-term) Blocking peptide - Images

## FHOD3 Antibody (C-term) Blocking peptide - Background

Proteins that contain formin (FMN1; MIM 136535) homology(FH) domains, such as FHOD3, play a role in regulation of the actincytoskeleton (Kanaya et al., 2005 [PubMed 15966898]).[supplied byOMIM].

## FHOD3 Antibody (C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Adkins, D.E., et al. Mol. Psychiatry (2010) In press :Taniguchi, K., et al. J. Biol. Chem. 284(43):29873-29881(2009)French, D., et al. Blood 113(19):4512-4520(2009)Kanaya, H., et al. Genes Cells 10(7):665-678(2005)