

**FIBP Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP13232c****Specification**

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**FIBP Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O43427](#)

**FIBP Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 9158

**Other Names**

Acidic fibroblast growth factor intracellular-binding protein, aFGF intracellular-binding protein, FGF-1 intracellular-binding protein, FIBP

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13232c was selected from the Center region of FIBP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**FIBP Antibody (Center) Blocking Peptide - Protein Information**

**Name** FIBP

**Function**

May be involved in mitogenic function of FGF1. May mediate with IER2 FGF-signaling in the establishment of laterality in the embryo (By similarity).

**Cellular Location**

Nucleus. Endomembrane system; Peripheral membrane protein. Note=Also associated with cytoplasmic membranes, particularly of mitochondria

**Tissue Location**

Highly expressed in heart, skeletal muscle and pancreas. Expressed at lower levels in brain. Also found in placenta, liver and kidney

## **FIBP Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **FIBP Antibody (Center) Blocking Peptide - Images**

## **FIBP Antibody (Center) Blocking Peptide - Background**

Acidic fibroblast growth factor is mitogenic for a variety of different cell types and acts by stimulating mitogenesis or inducing morphological changes and differentiation. The FIBP protein is an intracellular protein that binds selectively to acidic fibroblast growth factor (aFGF). It is postulated that FIBP may be involved in the mitogenic action of aFGF. Two transcript variants encoding different isoforms have been found for this gene.

## **FIBP Antibody (Center) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Giatromanolaki, A., et al. Mediators Inflamm. 2007, 67187 (2007) :Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Skjerpen, C.S., et al. EMBO J. 21(15):4058-4069(2002)