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FIBP Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP13232c

Specification

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

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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 varietyof different cell types and acts by stimulating mitogenesis orinducing morphological changes and differentiation. The FIBPprotein is an intracellular protein that binds selectively toacidic fibroblast growth factor (aFGF). It is postulated that FIBPmay be involved in the mitogenic action of aFGF. Two transcriptvariants 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)