

FIBP Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13232c**Specification**

FIBP Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O43427
Other Accession	O9JI19 , NP_942600.1 , NP_004205.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	98-127

FIBP Antibody (Center) - 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

This FIBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-127 amino acids from the Central region of human FIBP.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FIBP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

FIBP Antibody (Center) - 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

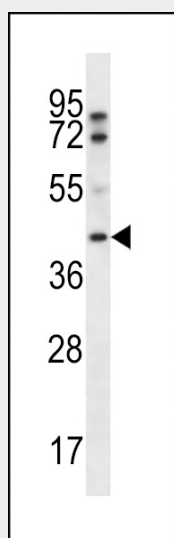
Highly expressed in heart, skeletal muscle and pancreas. Expressed at lower levels in brain. Also found in placenta, liver and kidney

FIBP Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FIBP Antibody (Center) - Images



FIBP Antibody (Center) (Cat. #AP13232c) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the FIBP antibody detected the FIBP protein (arrow).

FIBP Antibody (Center) - 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) - 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)

FIBP Antibody (Center) - Citations

- [Proteomic analysis of the human cyclin-dependent kinase family reveals a novel CDK5 complex involved in cell growth and migration.](#)