



## Rabbit Anti-FIBP antibody

SL16086R

<b>Product Name:</b>	FIBP
<b>Chinese Name:</b>	aFGF胞内Binding protein抗体
<b>Alias:</b>	Acidic fibroblast growth factor intracellular-binding protein; aFGF intracellular-binding protein; FGF-1 intracellular-binding protein; FGFIBP; FIBP; FIBP-1; FIBP_HUMAN; FIBP1; fibroblast growth factor (acidic) intracellular binding protein; OTTHUMP00000234231; OTTHUMP00000234232; OTTHUMP00000234233.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	42kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human FIBP:51-150/364
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. [provided by RefSeq, Jul 2008]

**Function:**

May be involved in mitogenic function of FGF1.

**Subcellular Location:**

Nucleus. Endomembrane system. Also associated with cytoplasmic membranes, particularly of mitochondria.

**Tissue Specificity:**

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

**SWISS:**

O43427

**Gene ID:**

9158

**Database links:**

[Entrez Gene: 9158](#) Human

[Entrez Gene: 58249](#) Mouse

[Omim: 608296](#) Human

[SwissProt: O43427](#) Human

[SwissProt: Q9JI19](#) Mouse

[Unigene: 7768](#) Human

[Unigene: 329656](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.