

Product datasheet

Anti-FIBP antibody ab236647

4 Images

Overview

<b>Product name</b>	Anti-FIBP antibody
<b>Description</b>	Rabbit polyclonal to FIBP
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein corresponding to Human FIBP aa 2-357.

Sequence:

TSELDIFVGNTTLIDEDVYRLWLDGYSVTDAVALRVRS  
 GLEQTGATAAV  
 LQSDTMDHYRTFHMLERLLHAPPKLLHQLIFQIPPSRQ  
 ALLIERYAFDE  
 AFVREVLGKKLSKGTKKDLDDISTKTGITLKCRRQFD  
 NFKRVFKVVEEM  
 RGSLVDNIQQHFLLSDRLARDYAAMFFANNRFETGKK  
 KLQYLSFGDFAF  
 CAELMIQNWTLGAVDSQMDDMDMDLDKEFLQDLKEL  
 KVLVADKDLLDLHK  
 SLVCTALRGKLGVFSEMEANFKNLSRGLVNVAACLTH  
 NKDVRDLFVDLVE  
 KFVEPCRSDHWPLSDVRFNQLNQSASVHSLDGFRHQ  
 ALWDRYMGLTRGCL LRLYHD

Database link: [O43427-2](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

<b>Positive control</b>	WB: MCF7 whole cell lysate. IHC-P: Human testis and pancreatic tissues. ICC/IF: HepG2 cells.
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Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.03% Proclin

	Constituents: 50% Glycerol, PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purity >95%.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab236647** in the following tested applications.

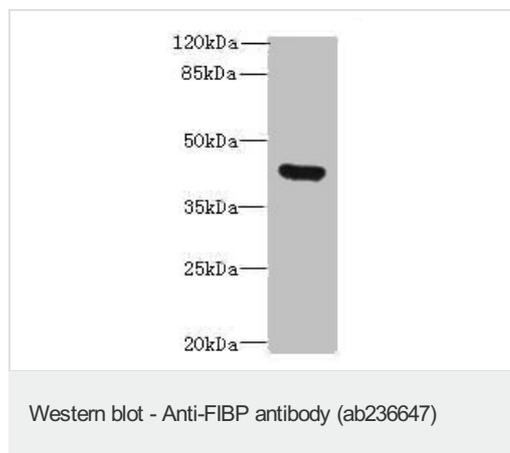
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.
WB		1/500 - 1/2000. Predicted molecular weight: 42 kDa.
ICC/IF		1/50 - 1/200.

## Target

<b>Function</b>	May be involved in mitogenic function of FGF1.
<b>Tissue specificity</b>	Highly expressed in heart, skeletal muscle and pancreas. Expressed at lower levels in brain. Also found in placenta, liver and kidney.
<b>Cellular localization</b>	Nucleus. Endomembrane system. Also associated with cytoplasmic membranes, particularly of mitochondria.

## Images

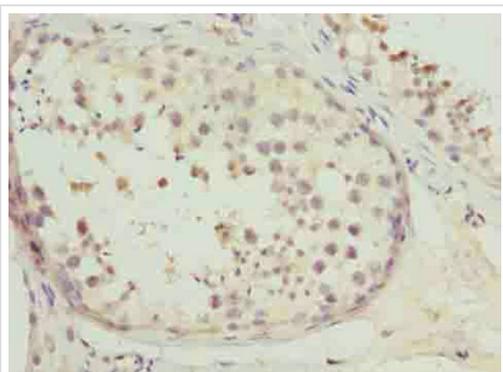


Anti-FIBP antibody (ab236647) at 1/500 dilution + MCF7 (human breast adenocarcinoma cell line) whole cell lysate

### Secondary

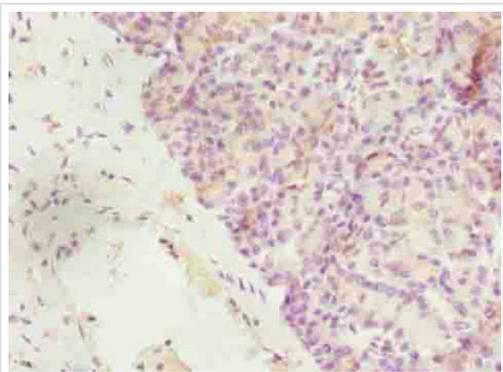
Goat polyclonal to rabbit at 1/10000 dilution

**Predicted band size:** 42 kDa



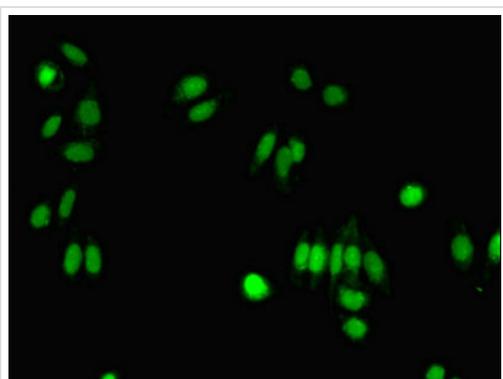
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FIBP antibody (ab236647)

Paraffin-embedded human testis tissue stained for FIBP using ab236647 at 1/100 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FIBP antibody (ab236647)

Paraffin-embedded human pancreatic tissue stained for FIBP using ab236647 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-FIBP antibody (ab236647)

HepG2 (human liver hepatocellular carcinoma cell line) cells stained for FIBP (green) using ab236647 at 1/100 dilution in ICC/IF, followed by Alexa Fluor 488<sup>®</sup> conjugated Goat Anti-Rabbit IgG (H+L).

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