



[Go to Product page](#)

Datasheet for ABIN3042399  
**anti-FOSB antibody (C-Term)**

4 Images

Overview

Quantity:	100 µg
Target:	FOSB
Binding Specificity:	AA 264-291, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOSB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Protein fosB(FOSB) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Fos B (264-291aa LPFQTSQDAPPNLTASLFTHSEVQVLGD), different from the related mouse sequence by two amino acids.
Sequence:	LPFQTSQDAP PNLTASLFTH SEVQVLGD
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Protein fosB(FOSB) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: FBJ murine osteosarcoma viral oncogene homolog B

## Product Details

---

Protein Name: Protein fosB

Purification: Immunogen affinity purified.

## Target Details

---

Target: FOSB

Alternative Name: FOSB ([FOSB Products](#))

Background: FOSB, FBJ murine osteosarcoma viral oncogene homolog B, is a protein that, in humans, is encoded by the FOSB gene. FOSB is a member of Fos gene family which consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. The FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. The FOSB gene is mapped to 19q13.32. Delta FOSB is a truncated splice variant of FOSB. Delta FosB has been implicated in the development of drug addiction and control of the reward system in the brain, and is linked to changes in a number of other gene products such as CREB and sirtuins. Delta FosB also regulates the commitment of mesenchymal precursor cells to the adipocyte or osteoblast lineage.

Synonyms: DKFZp686C0818 antibody|FBJ murine osteosarcoma viral oncogene homolog B antibody|fosB antibody|FOSB\_HUMAN antibody|G0/G1 switch regulatory protein 3 antibody|GOS3 antibody|GOS 3 antibody|GOS B antibody|GOS3 antibody|GOSB antibody|MGC42291 antibody|Oncogene FOS B antibody|Oncogene FOSB antibody|Protein fos B antibody|Protein fosB antibody

Gene ID: 2354

UniProt: [P53539](#)

## Application Details

---

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat  
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.  
Notes: Tested Species: Species with positive results. Other applications have not been tested.  
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05 mg Sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

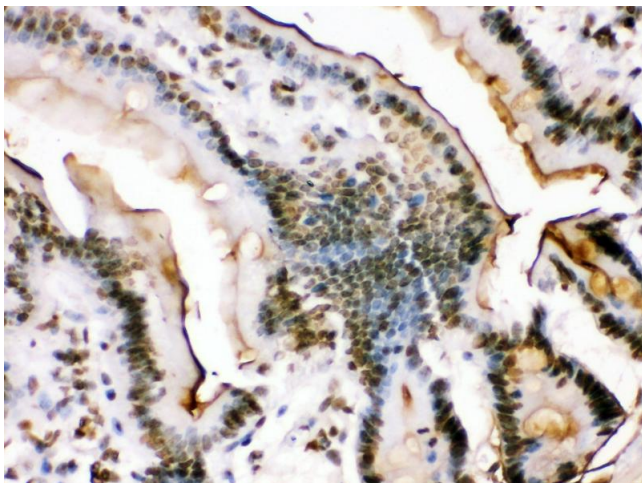
Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

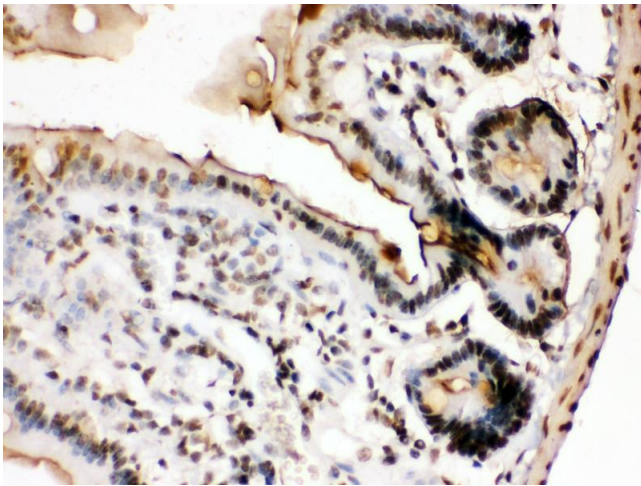
## Images

---



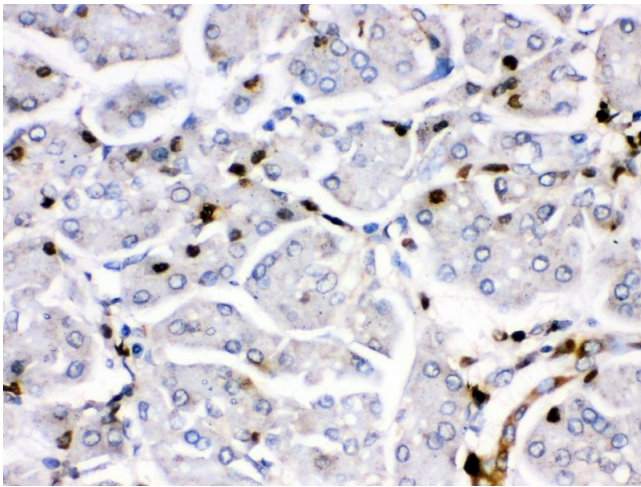
### Immunohistochemistry (Paraffin-embedded Sections)

Image 1.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.**



**Immunohistochemistry**

**Image 3.** Anti- Fos B antibody, IHC(P) IHC(P): Human Pancreatic Cancer Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3042399.