

A0232

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# FABP4 Rabbit pAb

Catalog No.: A0232 **7 Publications**

## Basic Information

### Observed MW

14kDa

### Calculated MW

15kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
2167	P15090

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-132 of human FABP4 (NP\_001433.1).

### Synonyms

aP2; ALBP; AFABP; A-FABP; HEL-S-104; FABP4

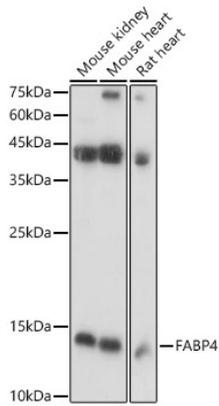
## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using FABP4 Rabbit pAb (A0232) at 1:1000 dilution.

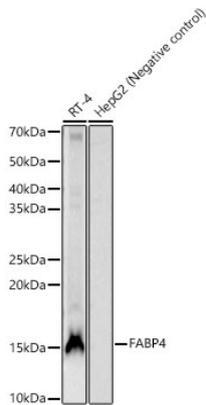
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



Western blot analysis of various lysates, using FABP4 Rabbit pAb (A0232) at 1:1000 dilution.

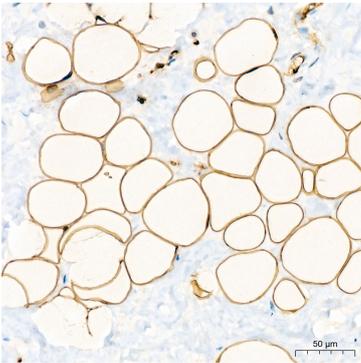
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

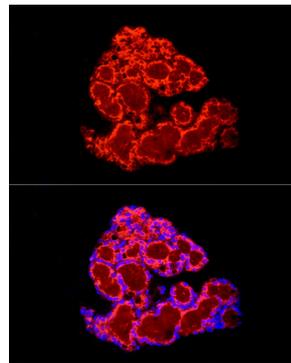
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded Human breast tissue using FABP4 Rabbit pAb (A0232) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded Rat adipose using FABP4 Rabbit pAb (A0232) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.