

Datasheet for ABIN2778217

**anti-FABP4 antibody (Middle Region)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	FABP4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Sheep, Cow, Goat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FABP4
Sequence:	FDEVTADDRK VKSTITLDGG VLVHVQKWDG KSTTIKRKRE DDKLVVECVM
Predicted Reactivity:	Cow: 85%, Dog: 92%, Goat: 85%, Horse: 85%, Human: 100%, Mouse: 85%, Rabbit: 92%, Rat: 85%, Sheep: 85%
Characteristics:	This is a rabbit polyclonal antibody against FABP4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	FABP4
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## Target Details

Alternative Name:	FABP4 ( <a href="#">FABP4 Products</a> )
Background:	<p>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.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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: A-FABP, aP2, ALBP, AFABP</p> <p>Protein Interaction Partner: ZBED1, VIM, PRKCI, CHD3, ACTB, TNK2, USP15, ACP1, LIPE, INSR, OSTF1, SNCG, EXT2,</p> <p>Protein Size: 132</p>
Molecular Weight:	15 kDa
Gene ID:	2167
NCBI Accession:	<a href="#">NM_001442</a> , <a href="#">NP_001433</a>
UniProt:	<a href="#">P15090</a>
Pathways:	<a href="#">Brown Fat Cell Differentiation</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 132 AA
Restrictions:	For Research Use only

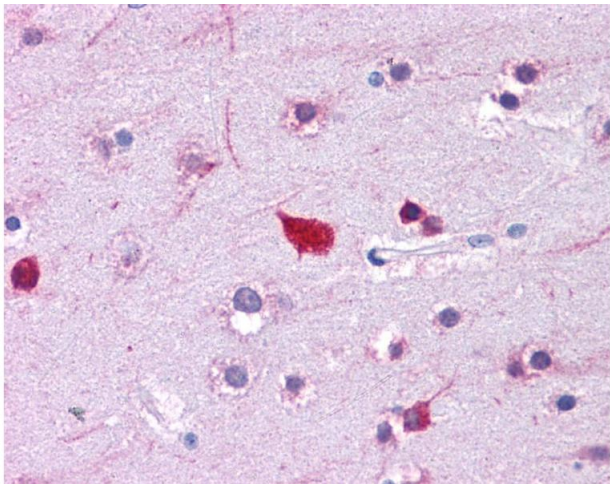
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

## Handling

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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

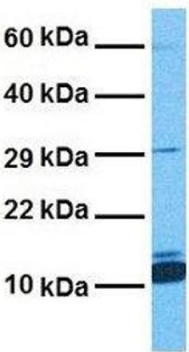
## Images



### Immunohistochemistry

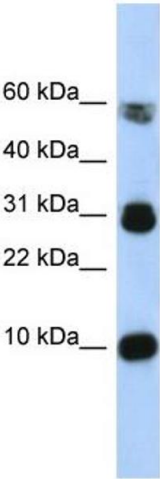
**Image 1.**

### FABP4



### Western Blotting

**Image 2.** Host: Rabbit Target Name: FABP4 Sample Tissue: Human Stomach Tumor Antibody Dilution: 1.0ug/ml



**Western Blotting**

**Image 3.** WB Suggested Anti-FABP4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Muscle