

Datasheet for ABIN2778124

anti-FABP4 antibody (Middle Region)[Go to Product page](#)**1** Image

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)

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: 79%, Dog: 93%, Goat: 86%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 85%, Sheep: 86%
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 (FABP4 Products)
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 incl Alias Symbols: A-FABP, aP2, ALBP, AFABP Protein Interaction Partner: ZBED1, VIM, PRKCI, CHD3, ACTB, TNK2, USP15, ACP1, LIPE, INSR, OSTF1, SNCG, EXT2, Protein Size: 132
Molecular Weight:	15 kDa
Gene ID:	2167
NCBI Accession:	NM_001442 , NP_001433
UniProt:	P15090
Pathways:	Brown Fat Cell Differentiation

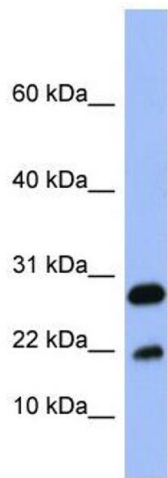
Application Details

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
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.



Western Blotting

Image 1. WB Suggested Anti-FABP4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Spleen