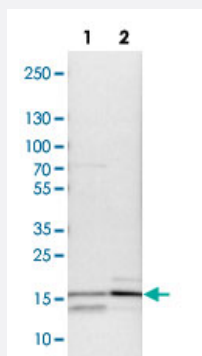


FABP4 polyclonal antibody

Catalog # PAB28577

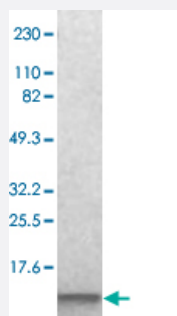
Size 100 uL

Applications



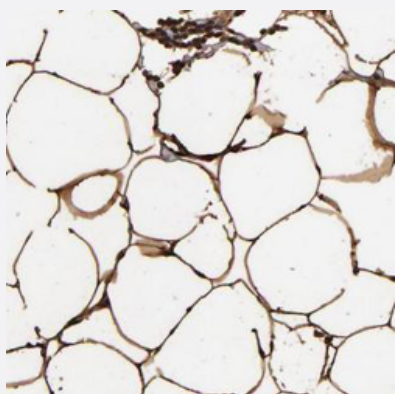
Western Blot (Cell lysate)

Western blot analysis of lane 1: NIH-3T3 and lane 2: NBT-II cell lysates using FABP4 polyclonal antibody (Cat # PAB28577).



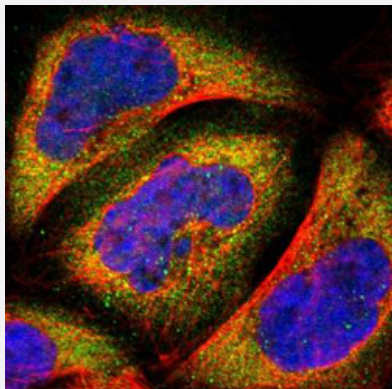
Western Blot (Cell lysate)

Western blot analysis of RT-4 cell lysates using FABP4 polyclonal antibody (Cat # PAB28577).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human soft tissue with FABP4 polyclonal antibody (Cat # PAB28577) shows distinct positivity in adipocytes. Retrieval method: HIER pH6



Immunofluorescence

Immunofluorescence of A-431 cell line with FABP4 polyclonal antibody (Cat # PAB28577) shows positivity in cytoplasm. Fixation/Permeabilization: PFA/Triton X-105

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant FABP4.
Immunogen	Recombinant protein corresponding to human FABP4.
Sequence	DAFVG TWKLV SSEN FDDYMK EGVGVGFATRKVAGMAKPNMIISVNGDVITKSESTFKNTEISFILGQ EFDEVTADDRKVKSTITLDGGVLVHVQKWDGKSTTIKRKREDDKLVEECVMKGV TSTRVYE
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Western Blot (Human: 1:100-1:250, Mouse/Rat: 1:100-1:500) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Immunofluorescence (1-4 ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of lane 1: NIH-3T3 and lane 2: NBT-II cell lysates using FABP4 polyclonal antibody (Cat # PAB28577).

- Western Blot (Cell lysate)

Western blot analysis of RT-4 cell lysates using FABP4 polyclonal antibody (Cat # PAB28577).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Immunofluorescence of A-431 cell line with FABP4 polyclonal antibody (Cat # PAB28577) shows positivity in cytoplasm. Fixation/Permeabilization: PFA/Triton X-105

Gene Info — FABP4

Entrez GeneID [2167](#)

Protein Accession# [P15090](#)

Gene Name FABP4

Gene Alias A-FABP, aP2

Gene Description fatty acid binding protein 4, adipocyte

Omim ID [600434](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations -

Pathway

- [PPAR signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Lymphedema](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)