

FABP4 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3958a**Specification**

FABP4 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P15090
Other Accession	NP_001433.1 , 2167
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	14719

FABP4 Antibody (internal region) - Additional Information**Gene ID** 2167**Other Names**

Fatty acid-binding protein, adipocyte, Adipocyte lipid-binding protein, ALBP, Adipocyte-type fatty acid-binding protein, A-FABP, AFABP, Fatty acid-binding protein 4, FABP4

Dilution

WB~~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FABP4 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

FABP4 Antibody (internal region) - Protein Information**Name** FABP4**Function**

Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P04117}. Nucleus {ECO:0000250|UniProtKB:P04117}.

Note=Depending on the nature of the ligand, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus. Subject to constitutive nuclear export. {ECO:0000250|UniProtKB:P04117}

FABP4 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FABP4 Antibody (internal region) - Images

AF3958a (0.03 µg/ml) staining of Human Adipose lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

FABP4 Antibody (internal region) - References

Serum concentration of heart-type fatty acid-binding protein in children and adolescents with congenital heart disease. Hayabuchi Y, Inoue M, Watanabe N, Sakata M, Ohnishi T, Kagami S. Circ J. 2011;75(8):1992-7. PMID: 21617322