ARG64176
anti-FABP2 / Intestinal FABP antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FABP2 / Intestinal FABP
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FABP2 / Intestinal FABP
Species	Human
Immunogen	C-EGVEAKRIFKKD
Conjugation	Un-conjugated
Alternate Names	Intestinal-type fatty acid-binding protein; I-FABP; Fatty acid-binding protein, intestinal; Fatty acid-binding protein 2; FABPI

Application Instructions

Application table

Application	Dilution
IHC-P	2 - 3 µg/ml
WB	0.001 µg/ml

Application Note

IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

GeneID: 2169 Human

Swiss-port # P12104 Human

Background

The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identified members. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Intestinal fatty acid-binding protein 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. This gene has a polymorphism at codon 54 that identified an alanine-encoding allele and a threonine-encoding allele. Thr-54 protein is associated with increased fat oxidation and insulin resistance. [provided by RefSeq, Jul 2008]

Research Area

Cell Biology and Cellular Response antibody; Controls and Markers antibody; Developmental Biology antibody; Metabolism antibody; Signaling Transduction antibody

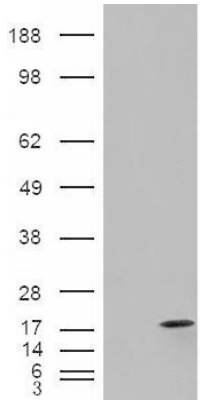
Calculated Mw

15 kDa

Images

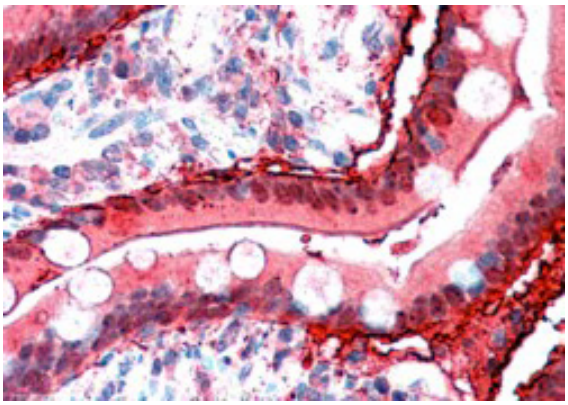
ARG64176 anti-FABP2 / Intestinal FABP antibody WB image

Western blot: Human Duodenum lysate (35 µg protein in RIPA buffer) stained with ARG64176 anti-FABP2 / Intestinal FABP antibody at 0.001 µg/ml dilution.



ARG64176 anti-FABP2 / Intestinal FABP antibody WB image

Western blot: 1). Mock transfection; 2) FABP2 (RC210206) expressing plasmid transfected HEK293 cell lysate standed with ARG64176 anti-FABP2 / Intestinal FABP antibody.



ARG64176 anti-FABP2 / Intestinal FABP antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Small Intestine. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64176 anti-FABP2 / Intestinal FABP antibody at 2.5 µg/ml dilution followed by AP-staining.