abcam

ab60272

Anti-I-FABP antibody

Key facts

Isotype	IgG
Host species	Goat
Storage buffer	pH: 7.3 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
Form	Liquid
Clonality	Polyclonal
Immunogen	Synthetic Peptide within Human FABP2 aa 100 to C-terminus. The exact immunogen used to generate this antibody is proprietary information. Database link P12104
Purification technique	Affinity purification Immunogen
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	10 µg/mL
Notes	-

Predicted

Species	Rat, Horse, Chicken, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Cat
Dilution info	-
Notes	-

ELISA

Expected

Species	Human
Dilution info	-
Notes	Antibody detection limit dilution 1:64000.

Species	Cat
Dilution info	-
Notes	Antibody detection limit dilution 1:64000.

Predicted

Species	Rat, Horse, Chicken, Cow, Dog, Pig, Chimpanzee, Rhesus monkey
Dilution info	-
Notes	-

WB

Tested

Species	Human
Dilution info	0.001-0.003 µg/mL
Notes	A 1 hour primary incubation is recommended for this product.

Predicted

Species	Rat, Horse, Chicken, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Cat
Dilution info	-

Notes	-

IHC-P

Tested

Species	Human
Dilution info	2-3 µg/mL
Notes	-

Predicted

Species	Rat, Horse, Chicken, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Cat
Dilution info	-
Notes	-

ICC/IF

Expected

Species	Human, Cat
Dilution info	Use at an assay dependent concentration.
Notes	-

Predicted

Species	Rat, Horse, Chicken, Cow, Dog, Pig, Chimpanzee, Rhesus monkey
Dilution info	-
Notes	-

Target data

See full target information FABP2

Function	FABPs are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

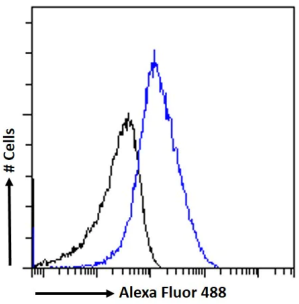
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

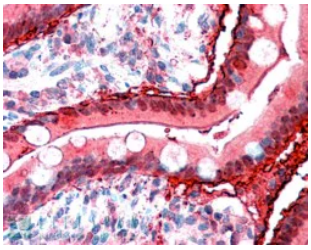
Full details and terms and conditions can be found here:
Terms & Conditions.

3 product images



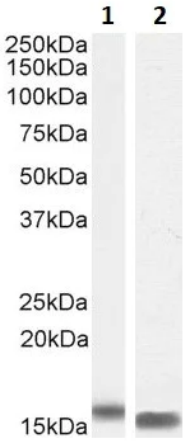
Flow Cytometry - Anti-I-FABP antibody (ab60272)

ab60272 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-I-FABP antibody (ab60272)

ab60272 (2.5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western blot - Anti-I-FABP antibody (ab60272)

Detected by chemiluminescence.
Lane 1:
Western blot - Anti-I-FABP antibody (ab60272) at 0.001 µg/mL

Lane 2:
Western blot - Anti-I-FABP antibody (ab60272) at 0.003 µg/mL

Lane 1:
Human Duodenum lysate in RIPA buffer at 35 µg

Lane 2:
Ileum lysate in RIPA buffer at 35 µg

Predicted band size: 15 kDa

Observed band size: 15-16 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.