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Research Use Only. Not for diagnostic or therapeutic use.

EB07742 - Goat Anti-FABP2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FABP2, fatty acid binding protein 2, intestinal, FABPI, I-FABP, MGC133132, Fatty acid-binding protein, intestinal, intestinal fatty acid binding protein 2,

fatty acid-binding protein 2, intestinal-type fatty acid-binding protein

Official Symbol: FABP2

Accession Number(s): NP_000125.2

Human GeneID(s): 2169

Non-Human GenelD(s): 14079 (mouse)

Immunogen

Peptide with sequence C-EGVEAKRIFKKD, from the C Terminus of the protein sequence according to NP_000125.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 15-16kDa band observed in Human Ileum and Duodenum lysates (calculated MW of 15.2kDa according to NP_000125.1). Recommended concentration: 0.001-0.003ug/ml. Primary incubation 1 hour at room temperature.

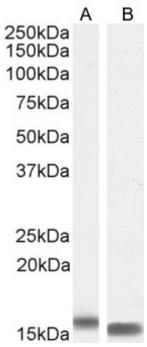
IHC: In paraffin embedded Human Small Intestine shows strong staining of basement membrane and weaker staining of enterocytes. Recommended concentration: 2-3µg/ml.

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

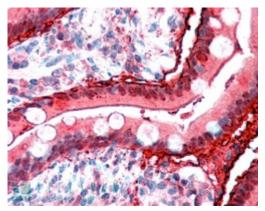
Species Reactivity

Tested: Human

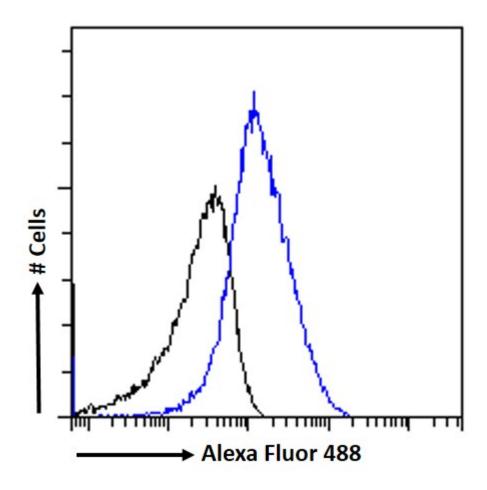
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB07742 (0.001µg/ml) staining of Human Duodenum (A) and (0.003ug/ml) Ileum (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07742 (2.5μg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07742 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.