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Datasheet for ABIN190807

anti-FABP2 antibody (C-Term)

3 Images

Overview

Quantity:	100 µg
Target:	FABP2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FABP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	FABP2
Immunogen:	Peptide with sequence C-EGVEAKRIFKGD, from the C Terminus of the protein sequence according to NP_000125.2.
Sequence:	EGVEAKRIFK KD
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FABP2
Alternative Name:	FABP2 (FABP2 Products)
Background:	FABP2, fatty acid binding protein 2, intestinal , FABPI, I-FABP, MGC133132 , Fatty acid-binding protein, intestinal, intestinal fatty acid binding protein 2
Gene ID:	2169, 14079
NCBI Accession:	NP_000125

Application Details

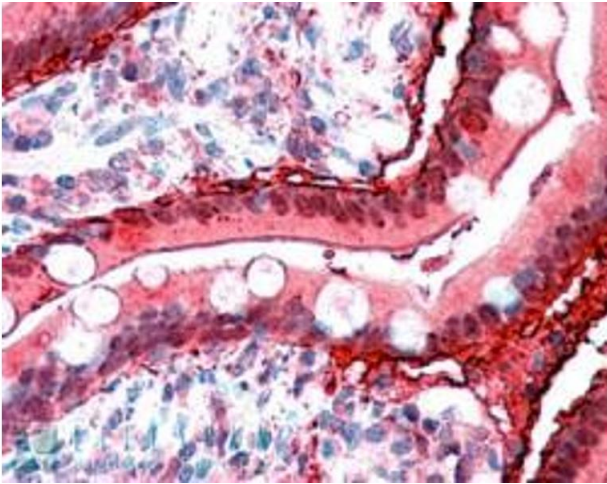
Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Small Intestine shows strong staining of basement membrane and weaker staining of enterocytes. Recommended concentration: 2-3 μg/mL.</p> <p>Western Blot: Approx 15-16 kDa band observed in Human Ileum and Duodenum lysates (calculated MW of 15.2 kDa according to NP_000125.1). Recommended concentration: 0.001-0.003 μg/mL. Primary incubation 1 hour at room temperature.</p> <p>Peptide ELISA: antibody detection limit dilution 1:64000.</p>
Comment:	Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10 μ g/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

Images



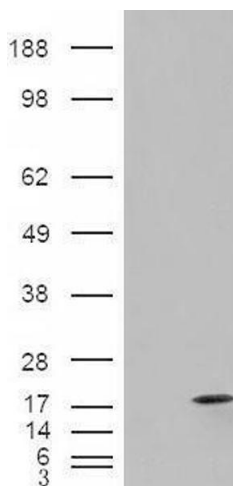
Immunohistochemistry

Image 1. ABIN190807 (2.5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN190807 (0.001µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 3. HEK293 overexpressing FABP2 (ABIN5381143) and probed with ABIN190807 (mock transfection in first lane).