

FABP6 Rabbit pAb

Catalog NO.: A6906 **1 Publications**

Basic Information

Observed MW

18kDa

Calculated MW

14kDa

Category

Polyclonal Antibodies

Applications

WB, IF-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

IF-P 1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
2172	P51161

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

ILBP; I-15P; I-BAP; ILBP3; ILLBP; I-BABP; I-BALB; FABP6

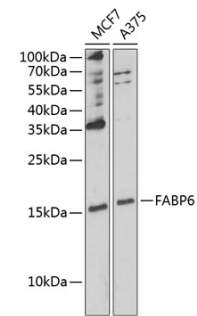
Contact

Product Information

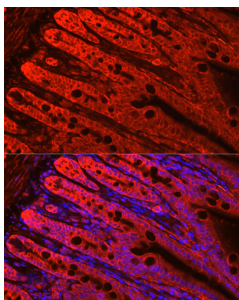
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

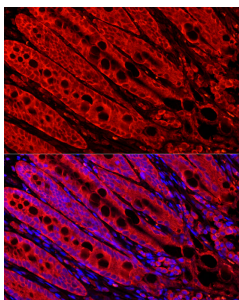
Validation Data



Western blot analysis of various lysates using FABP6 Rabbit pAb (A6906) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Immunofluorescence analysis of paraffin-embedded mouse small intestine using FABP6 Rabbit pAb (A6906) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Immunofluorescence analysis of paraffin-embedded rat small intestine using FABP6 Rabbit pAb (A6906) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

