

Product datasheet for **AP26390PU-N**

FABP2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Immunoassay. Western blot. Typical Starting Working Dilution: 1/50.
Reactivity:	Human, Mouse, Porcine, Rat, Sheep
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Specificity:	The polyclonal antibody recognizes human intestinal fatty acid binding protein (I-FABP) of both natural and recombinant origin.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	fatty acid binding protein 2
Database Link:	Entrez Gene 2169 Human P12104



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Background:

The I-FABP protein is derived from the human FABP2 gene. FABPs are small intracellular proteins (~13-14 kDa) with a high degree of tissue specificity that bind long chain fatty acids. They are abundantly present in various cell types and play an important role in the intracellular utilization of fatty acids, transport and metabolism. There are at least nine distinct types of FABP, each showing a specific pattern of tissue expression. Due to its small size, FABP leaks rapidly out of ischemically damaged necrotic cells leading to a rise in serum levels. Ischemically damaged tissues are characterized histologically by absence (or low presence) of FABP facilitating recognition of such areas. I-FABP is localized in the small bowel epithelium, with highest expression level in the jejunum.

Synonyms:

FABP-2, Fatty acid-binding protein, intestinal, I-FABP, FABPI