

FABP5 Rabbit pAb

Catalog No.: A0947 **1 Publications**

Basic Information

Catalog No.

A0947

Observed MW

14kDa

Calculated MW

15kDa

Category

Primary antibody

Applications

WB, IHC


Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:100

Contact

 | www.abclonal.com

Background

This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.

Immunogen Information

Gene ID	Swiss Prot
2171	Q01469

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human FABP5 (NP_001435.1).

Synonyms

FABP5;E-FABP;EFABP;KFABP;PA-FABP;PAFABP

Product Information

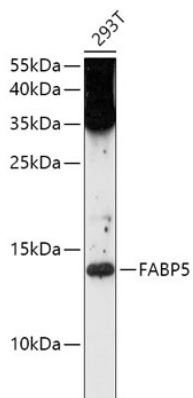
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

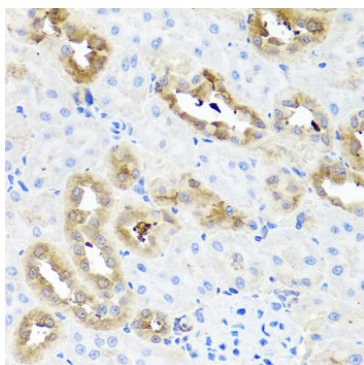
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

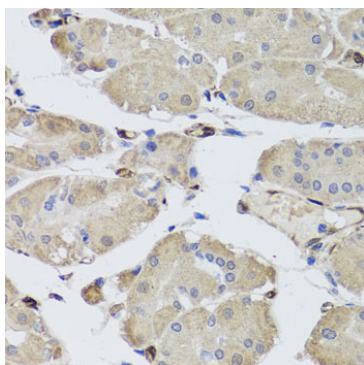
Validation Data



Western blot analysis of extracts of 293T cells, using FABP5 antibody (A0947) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 3min.



Immunohistochemistry of paraffin-embedded rat kidney using FABP5 antibody (A0947) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using FABP5 antibody (A0947) at dilution of 1:100 (40x lens).