

Product datasheet for **TA376073**

Fatty Acid Binding Protein 5 (FABP5) Rabbit Polyclonal Antibody

Product data:

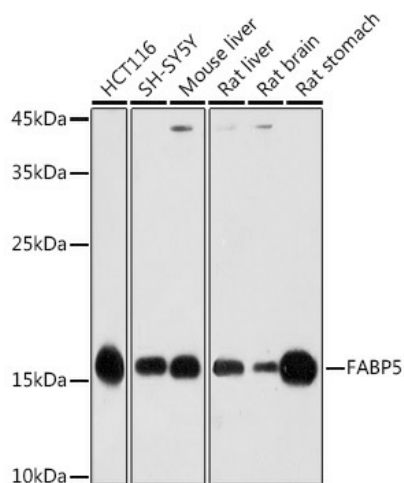
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-135 of human FABP5 (NP_001435.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	15kDa
Gene Name:	fatty acid binding protein 5
Database Link:	Entrez Gene 2171 Human Q01469
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.



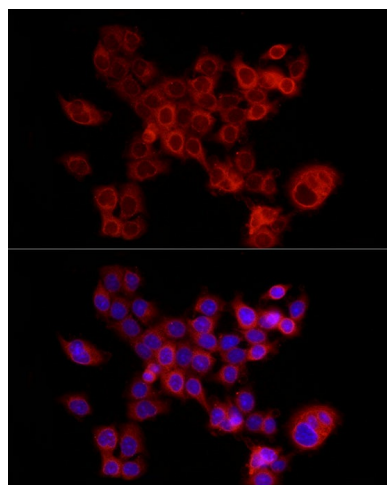
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Synonyms: E-FABP; EFABP; PA-FABP; PAFABP

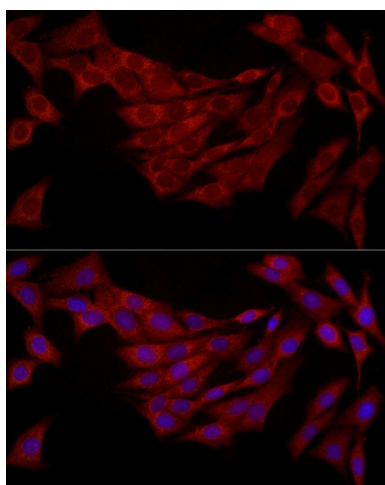
Product images:



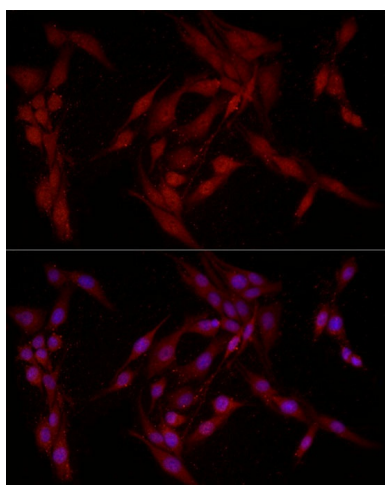
Western blot analysis of extracts of various cell lines, using FABP5 antibody (TA376073) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.



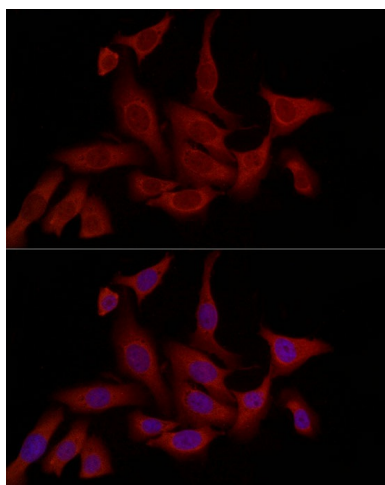
Immunofluorescence analysis of HCT116 cells using FABP5 Rabbit pAb (TA376073) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using FABP5 Rabbit pAb (TA376073) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using FABP5 Rabbit pAb (TA376073) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using FABP5 Rabbit pAb (TA376073) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.