

For Research Use Only

FABP3 Polyclonal antibody

Catalog Number: 10676-1-AP

Featured Product

19 Publications



Basic Information

Catalog Number: 10676-1-AP	GenBank Accession Number: BC007021	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 2170	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:200-1:800 IF 1:50-1:500
Source: Rabbit	Full Name: fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)	
Isotype: IgG	Calculated MW: 15 kDa	
Immunogen Catalog Number: AG1069	Observed MW: 15 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, IP, WB	WB : mouse heart tissue, rat testis tissue, mouse skeletal muscle tissue, rat heart tissue, rat skeletal muscle tissue
Species Specificity: human, mouse, rat	IHC : mouse heart tissue, human skin tissue, human lung tissue, human ovary tissue, human breast cancer tissue, human heart tissue
Cited Species: human, rat, mouse	IF : mouse brain tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

FABP3 (fatty-acid-binding protein 3), also known as heart-type FABP or mammary-derived growth inhibitor (MDGI), is a small 15-kDa cytoplasmic protein transporting fatty acids and other lipophilic substances from the cytoplasm to the nucleus. It is most ubiquitously expressed in heart and skeletal muscle.

Notable Publications

Author	Pubmed ID	Journal	Application
Yui Yamamoto	30341178	J Neurosci	WB
Mingming Song	34653936	Biomaterials	WB
An Cheng	30496735	Brain Res	WB,IF

Storage

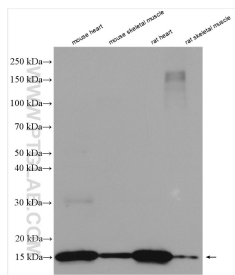
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

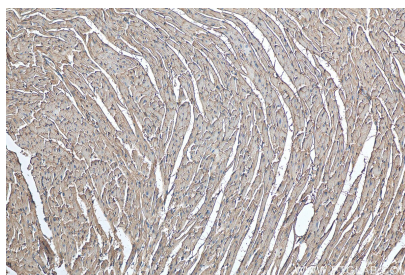
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

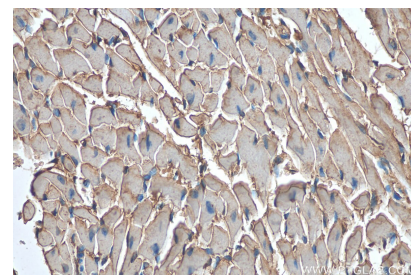
Selected Validation Data



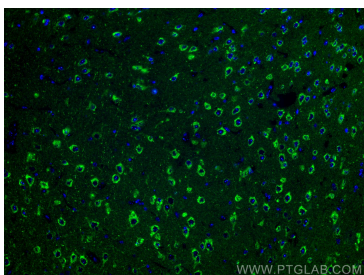
Various lysates were subjected to SDS PAGE followed by western blot with 10676-1-AP (FABP3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



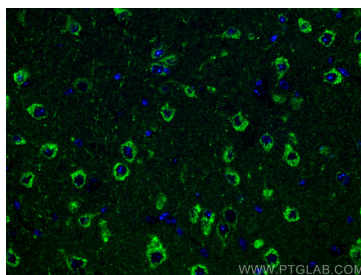
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 10676-1-AP (FABP3 antibody) at dilution of 1:400 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 10676-1-AP (FABP3 antibody) at dilution of 1:400 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using FABP3 antibody (10676-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using FABP3 antibody (10676-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).