

For Research Use Only

FAAH Monoclonal antibody

Catalog Number: 67607-1-Ig **1 Publications**



Basic Information

Catalog Number: 67607-1-Ig	GenBank Accession Number: BC093632	Purification Method: Protein G purification
Concentration: 1000 ug/ml	GeneID (NCBI): 2166	CloneNo.: 3C5B5
Source: Mouse	UNIPROT ID: O00519	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF/ICC 1:200-1:800
Isotype: IgG1	Full Name: fatty acid amide hydrolase	
Immunogen Catalog Number: AG12720	Calculated MW: 579 aa, 63 kDa	
	Observed MW: 55-65 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : mouse brain tissue, JAR cells, LNCaP cells, rabbit brain tissue, pig liver tissue, rat liver tissue IHC : human liver cancer tissue, human prostate cancer tissue IF/ICC : LNCaP cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat, pig, rabbit	
Cited Species: mouse	
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

Fatty acid amide hydrolase (FAAH) is a membrane-bound homodimeric enzyme that in vivo controls content and biological activity of N-arachidonylethanolamine (AEA) and other relevant bioactive lipids termed endocannabinoids. (PMID: 32041998) This antibody is specific for FAAH protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Yiyi Cai	39151841	Mol Cell Neurosci	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

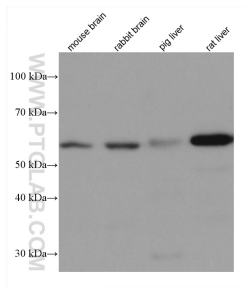
T: 4006900926

E: Proteintech-CN@ptglab.com

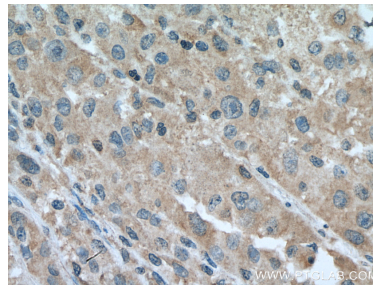
W: ptgcn.com

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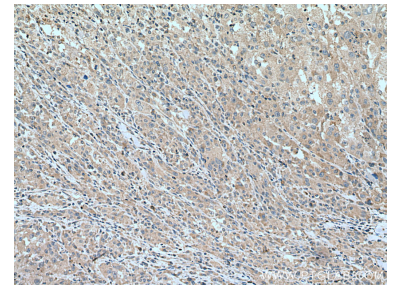
Selected Validation Data



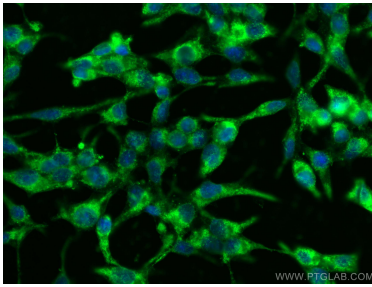
Various lysates were subjected to SDS PAGE followed by western blot with 67607-1-Ig (FAAH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67607-1-Ig (FAAH antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67607-1-Ig (FAAH antibody) at dilution of 1:2000 (under 410x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed LNCaP cells using FAAH antibody (67607-1-Ig, Clone: 3C5B5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).