For Research Use Only

FAAH Polyclonal antibody

Catalog Number:17909-1-AP Featured Product 8 Publications

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Basic Information

Catalog Number:
17909-1-AP

Size:
500 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG12304

GenBank Accession Number:
BC093632

GeneID (NCBI):
2166

UNIPROT ID:
O00519

Full Name:
fatty acid amide hydrolase

Calculated MW:
579 aa, 63 kDa

Observed MW:
55-65 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:5000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:300

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse liver tissue, rat testis tissue, A431 cells

IP : mouse liver tissue,

IHC : mouse testis tissue, human placenta tissue, human testis tissue

Background Information

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

Notable Publications

Author	Pubmed ID	Journal	Application
Yangyang Zhu	36104448	Cell Death Differ	WB,IP
Jinming Zhang	32198011	Neuroscience	WB
Shuting Xia	27296803	Elife	WB

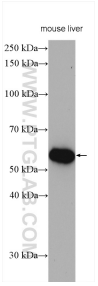
Storage

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

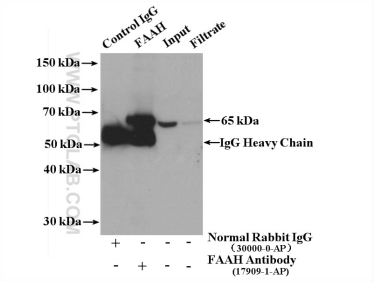
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

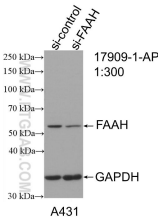
Selected Validation Data



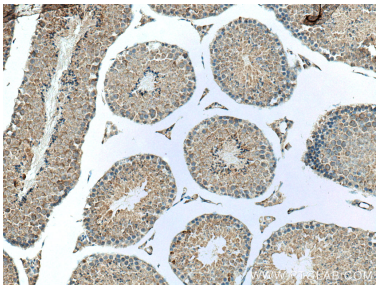
mouse liver tissue were subjected to SDS PAGE followed by western blot with 17909-1-AP (FAAH antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



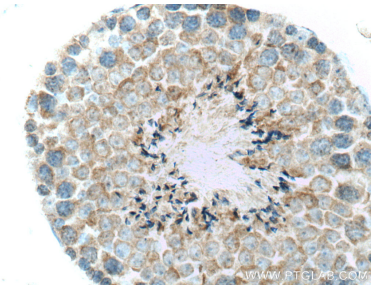
IP result of anti-FAAH (IP:17909-1-AP, 4ug; Detection:17909-1-AP 1:500) with mouse liver tissue lysate 6400 ug.



WB result of FAAH antibody (17909-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAAH transfected A431 cells.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17909-1-AP (FAAH antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17909-1-AP (FAAH antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).