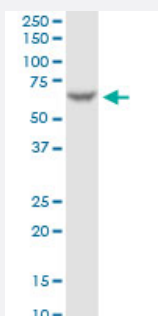


FAAH monoclonal antibody (M07), clone 4H8

Catalog # H00002166-M07

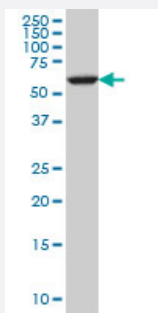
Size 100 ug

Applications



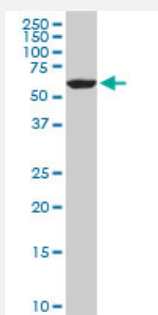
Western Blot (Tissue lysate)

FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in rat brain.



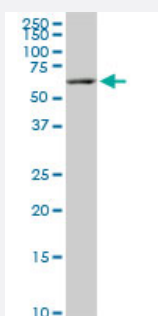
Western Blot (Cell lysate)

FAAH monoclonal antibody (M07), clone 4H8 Western Blot analysis of FAAH expression in A-431 (Cat # L015V1).



Western Blot (Cell lysate)

FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in PC-12 (Cat # L012V1).

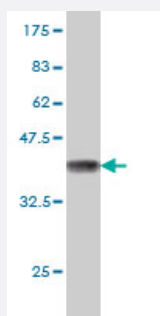
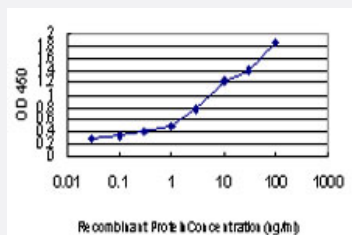


Western Blot (Cell lysate)

FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in NIH/3T3(Cat # L018V1).

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FAAH is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FAAH.
Immunogen	FAAH (NP_001432, 480 a.a. ~ 579 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DLNAPGRATGAVSYTMLYNCLDFPAGVVPVTTVTAEDEAQMEHYRGYFGDWKMLQKGMKKS VGLPVAVQCVALPWQEELCLRFMREVERLMTPEKQSS
Host	Mouse
Reactivity	Human, Mouse, Rat
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

FAAH monoclonal antibody (M07), clone 4H8 Western Blot analysis of FAAH expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FAAH is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FAAH

Entrez GeneID [2166](#)

GeneBank Accession# [NM_001441](#)

Protein Accession# [NP_001432](#)

Gene Name FAAH

Gene Alias FAAH-1, MGC102823, MGC138146

Gene Description fatty acid amide hydrolase

Omim ID	602935
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is responsible for the hydrolysis of a number of primary and secondary fatty acid amides, including the neuromodulatory compounds anandamide and oleamide. [provided by RefSeq
Other Designations	OTTHUMP00000009480

Publication Reference

- [N-Palmitoylethanolamine-oxazoline \(PEA-OXA\): A new therapeutic strategy to reduce neuroinflammation, oxidative stress associated to vascular dementia in an experimental model of repeated bilateral common carotid arteries occlusion.](#)

Impellizzeri D, Siracusa R, Cordaro M, Crupi R, Peritore AF, Gugliandolo E, D'Amico R, Petrosino S, Evangelista M, Di Paola R, Cuzzocrea S.

Neurobiology of Disease 2019 Jan; 125:77.

Application: WB, Mouse, Mouse hippocampus tissues

- [Dysfunction in Fatty Acid amide hydrolase is associated with depressive-like behavior in wistar kyoto rats.](#)

Vinod KY, Xie S, Psychoyos D, Hungund BL, Cooper TB, Tejani-Butt SM.

PLoS One 2012 May; 7(5):e36743.

Application: WB-Ti, Rat, Rat brain

- [Selective alterations of the CB1 receptors and the fatty acid amide hydrolase in the ventral striatum of alcoholics and suicides.](#)

Vinod KY, Kassir SA, Hungund BL, Cooper TB, Mann JJ, Arango V.

Journal of Psychiatric Research 2010 Jul; 44(9):591.

Application: WB, Human, Brains, Crude synaptic membrane

- [RNAi-Mediated Knockdown of Dynamin 2 Reduces Endocannabinoid Uptake Into Neuronal dCAD Cells.](#)

McFarland MJ, Bardell TK, Yates ML, Placzek EA, Barker E.

Molecular Pharmacology 2008 Apr; 74(1):101.

Application: WB-Tr, Mouse, CAD cells

Disease

- [Alcoholism](#)

- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Arousal](#)
- [Bipolar Disorder](#)
- [Bulimia Nervosa](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
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- [Neuropsychological Tests](#)
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- [Psychiatric Status Rating Scales](#)
- [Reward](#)
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- [Sensory Thresholds](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Wakefulness](#)
- [Weight Gain](#)