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FAAH Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant FAAH.
Catalog # AT1983a

Product Information

Application	WB, E
Primary Accession	O00519
Other Accession	NM_001441
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4H8
Calculated MW	63066

Additional Information

Gene ID	2166
Other Names	Fatty-acid amide hydrolase 1, Anandamide amidohydrolase 1, Oleamide hydrolase 1, FAAH, FAAH1
Target/Specificity	FAAH (NP_001432, 480 a.a. ~ 579 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	FAAH Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

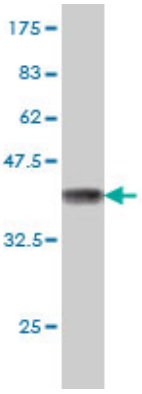
This gene encodes a protein that is responsible for the hydrolysis of a number of primary and secondary fatty acid amides, including the neuromodulatory compounds anandamide and oleamide.

References

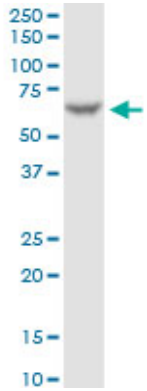
1.Dysfunction in Fatty Acid amide hydrolase is associated with depressive-like behavior in wistar kyoto rats.Vinod KY, Xie S, Psychoyos D, Hungund BL, Cooper TB, Tejani-Butt SM.PLoS One. 2012;7(5):e36743. Epub 2012 May 14.2.Selective alterations of the CB1 receptors and the fatty acid amide hydrolase in the ventral striatum of alcoholics and suicides.Vinod KY, Kassir SA, Hungund BL, Cooper TB, Mann JJ, Arango V.J

Psychiatr Res. 2009 Dec 14. [Epub ahead of print]3.RNAi-Mediated Knockdown of Dynamin 2 Reduces Endocannabinoid Uptake Into Neuronal dCAD Cells.McFarland MJ, Bardell TK, Yates ML, Placzek EA, Barker E.Mol Pharmacol. 2008 Jul;74(1):101-8. Epub 2008 Apr 24.

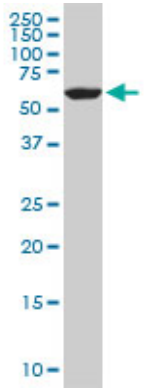
Images



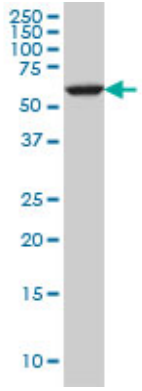
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



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

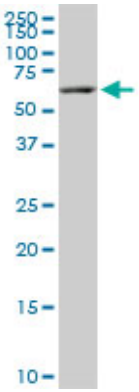


FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in PC-12 ((Cat # AT1983a)

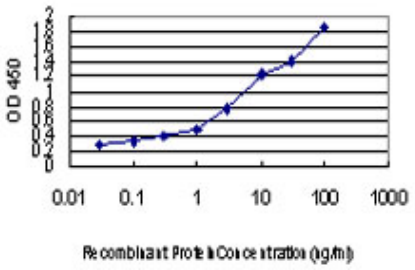


FAAH monoclonal antibody (M07), clone 4H8 Western Blot analysis of FAAH expression in A-431 ((Cat # AT1983a)

FAAH monoclonal antibody (M07), clone 4H8. Western



Blot analysis of FAAH expression in NIH/3T3((Cat # AT1983a)



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

Citations

- Increased placental expression of cannabinoid receptor 1 in preeclampsia: an observational study.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.