

FAAH Antibody (monoclonal) (M07)**Mouse monoclonal antibody raised against a partial recombinant FAAH.****Catalog # AT1983a****Specification**

FAAH Antibody (monoclonal) (M07) - Product Information

Application	WB, E
Primary Accession	O00519
Other Accession	NM_001441
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	63066

FAAH Antibody (monoclonal) (M07) - 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.

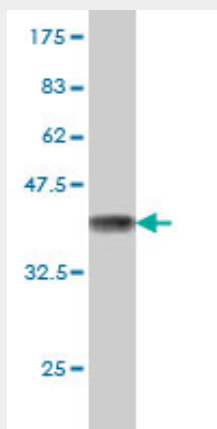
FAAH Antibody (monoclonal) (M07) - Protocols

Provided below are standard protocols that you may find useful for product applications.

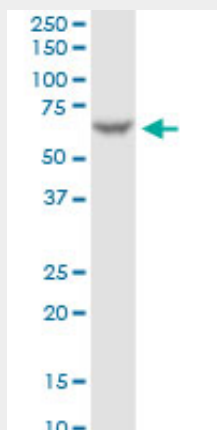
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

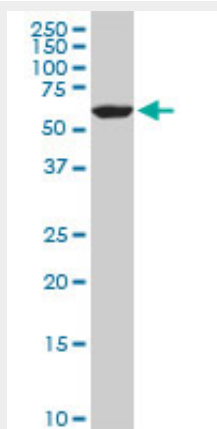
FAAH Antibody (monoclonal) (M07) - Images



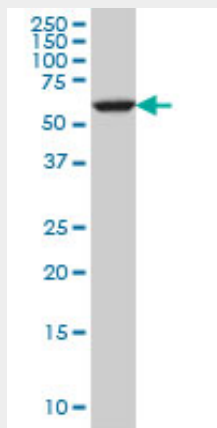
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



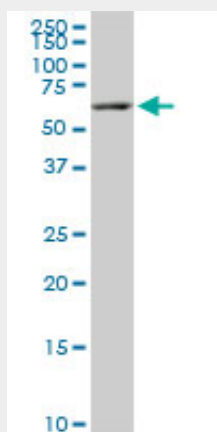
FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in rat brain.



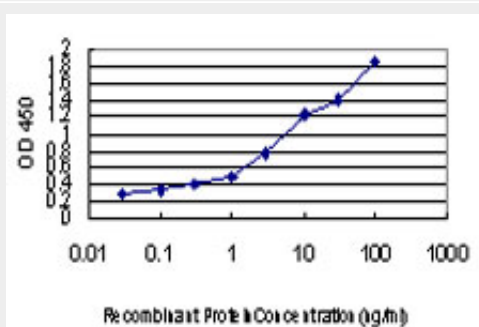
FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in PC-12 (Cat # AT1983a)



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.

FAAH Antibody (monoclonal) (M07) - 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.

FAAH Antibody (monoclonal) (M07) - 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.

FAAH Antibody (monoclonal) (M07) - Citations

- [Increased placental expression of cannabinoid receptor 1 in preeclampsia: an observational study.](#)