

## FAAH Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant FAAH.

Catalog # AT1983a

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O00519</a>
<b>Other Accession</b>	<a href="#">NM_001441</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	4H8
<b>Calculated MW</b>	63066

### Additional Information

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

### Background

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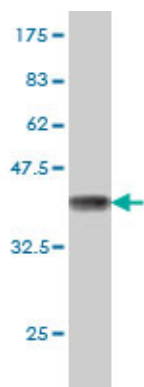
This gene encodes a protein that is responsible for the hydrolysis of a number of primary and secondary fatty acid amides, including the neuromodulatory compounds anandamide and oleamide.

### References

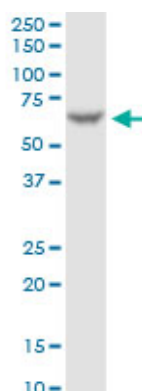
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1.Dysfunction in Fatty Acid amide hydrolase is associated with depressive-like behavior in wistar kyoto rats.Vinod KY, Xie S, Psychoyos D, Hungund BL, Cooper TB, Tejani-Butt SM.PLoS One. 2012;7(5):e36743. Epub 2012 May 14.2.Selective alterations of 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

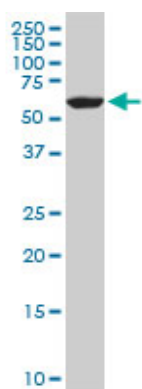
## Images



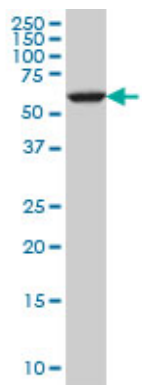
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



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

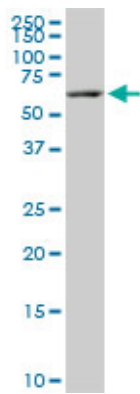


FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in PC-12 ( (Cat # AT1983a )

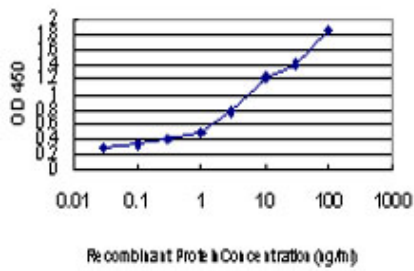


FAAH monoclonal antibody (M07), clone 4H8 Western Blot analysis of FAAH expression in A-431 ( (Cat # AT1983a )

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'.