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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FAAH monoclonal antibody (M07), clone 4H8

Catalog # : H00002166-M07

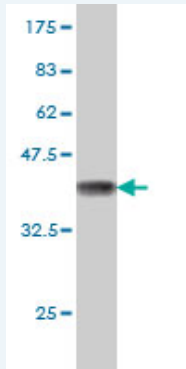
規格 : [100 ug]

List All

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:	DLNAPGRATGAVSYTMLYNCLDFPAGVVPVTTVTAEDEAQMEHYRGYF GDIWDKMLQKGMKKSIVGLPVAVQCVALPWQEELCLRFMREVERLMTP EKQSS
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.

MSDS: [Download](#)

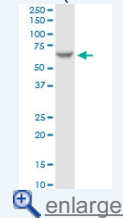
Datasheet: [Download](#)

Publication Reference

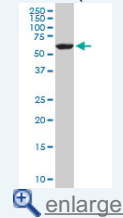
- Dysfunction in Fatty Acid amide hydrolase is associated with depressive-like behavior in wistar kyoto rats.
Vinod KY, Xie S, Psychoyos D, Hungund BL, Cooper TB, Tejani-Butt SM. PLoS One. 2012;7(5):e36743. Epub 2012 May 14.
- Selective alterations of the CB1 receptors and the fatty acid amide hydrolase 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]
- RNAi-Mediated Knockdown of Dynamin 2 Reduces Endocannabinoid Uptake Into

Application Image

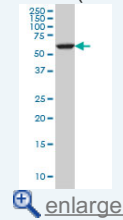
Western Blot (Tissue lysate)



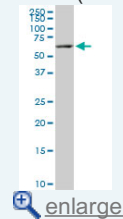
Western Blot (Cell lysate)



Western Blot (Cell lysate)

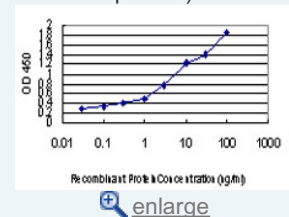


Western Blot (Cell lysate)



Western Blot (Recombinant protein)

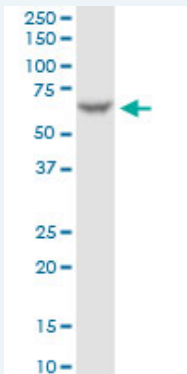
Sandwich ELISA (Recombinant protein)



ELISA

Applications

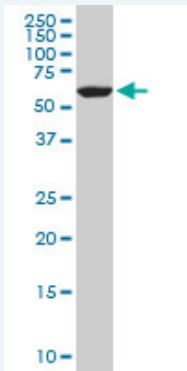
Western Blot (Tissue lysate)



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

 [Protocol Download](#)

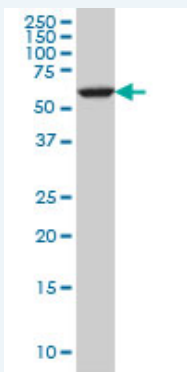
Western Blot (Cell lysate)



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

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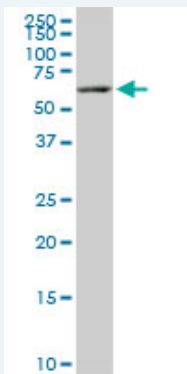
Western Blot (Cell lysate)



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

 [Protocol Download](#)

Western Blot (Cell lysate)



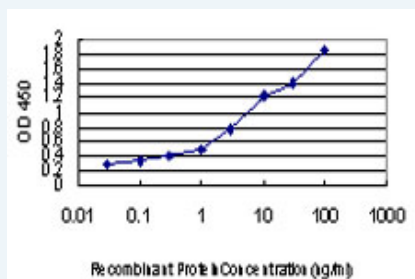
FAAH monoclonal antibody (M07), clone 4H8. Western Blot analysis of FAAH expression in NIH/3T3(Cat # L018V1).

[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 Information

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

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