

Product Datasheet

FAAH Antibody (4H8) - Azide and BSA Free H00002166-M07

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002166-M07

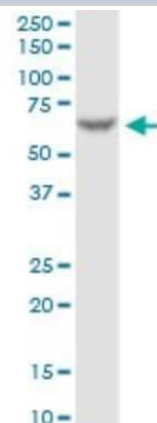
FAAH Antibody (4H8) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4H8
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2166
Gene Symbol	FAAH
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	FAAH (4H8)
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. DLNAPGRATGAVSYTMLYNCLDFPAGVVPVTTVTAEDEAQMEHYRGYFGDIW DKMLQKGMKKSGLPVAVQCVALPWQEELCLRFMREVERLMTPEKQSS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

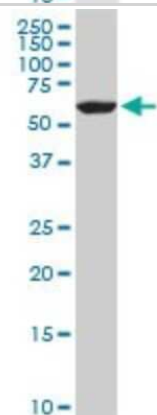


Images

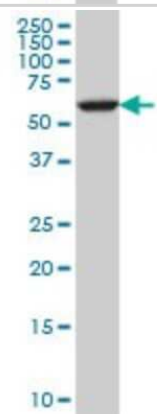
Western Blot: FAAH Antibody (4H8) [H00002166-M07] - Analysis of FAAH expression in rat brain.



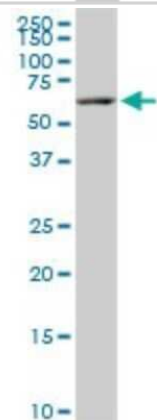
Western Blot: FAAH Antibody (4H8) [H00002166-M07] - Analysis of FAAH expression in PC-12 (Cat # L012V1).



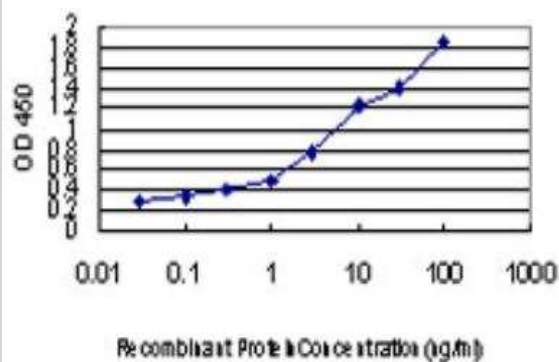
Western Blot: FAAH Antibody (4H8) [H00002166-M07] - Analysis of FAAH expression in A-431 (Cat # L015V1).



Western Blot: FAAH Antibody (4H8) [H00002166-M07] - Analysis of FAAH expression in NIH/3T3 (Cat # L018V1).



ELISA: FAAH Antibody (4H8) [H00002166-M07] - Detection limit for recombinant GST tagged FAAH is approximately 0.03ng/ml as a capture antibody.



Publications

Impellizzeri D, Siracusa R, Cordaro M et al. 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. *Neurobiol Dis.* 2019-05-01 [PMID: 30660740]

Vinod KY, Xie S, Psychoyos D et al. Dysfunction in Fatty Acid amide hydrolase is associated with depressive-like behavior in wistar kyoto rats. *PLoS One.* 2012-05-14 [PMID: 22606285]

McFarl MJ, Bardell TK, Yates ML et al. RNAi-Mediated Knockdown of Dynamin 2 Reduces Endocannabinoid Uptake Into Neuronal dCAD Cells. *Mol Pharmacol* 74(1):101-8. 2008-07-01 [PMID: 18436710]

Vinod KY, Kassir SA, Hungund BL et al. Selective alterations of the CB1 receptors and the fatty acid amide hydrolase in the ventral striatum of alcoholics and suicides. *J Psychiatr Res.* 2009-12-14 [PMID: 20015515]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00002166-M07

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00002166-Q01-10ug	Recombinant Human FAAH GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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