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FAAH Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant FAAH.
Catalog # AT1982a

Product Information

Application	WB, E
Primary Accession	O00519
Other Accession	NM_001441
Reactivity	Human, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2G8
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) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

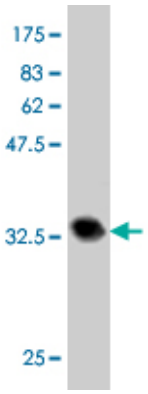
This gene encodes a protein that is responsible for the hydrolysis of a number of primary and secondary fatty acid amides, including the neuromodulatory compounds anandamide and oleamide.

References

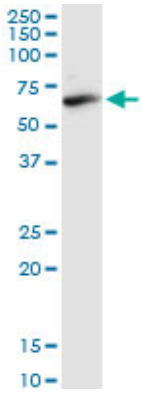
Effects of C358A missense polymorphism of the endocannabinoid degrading enzyme fatty acid amide hydrolase on weight loss after a hypocaloric diet. de Luis DA, et al. Metabolism, 2010 Aug 16. PMID 20716455.Endocannabinoid Pro129Thr FAAH functional polymorphism but not 1359G/A CNR1 polymorphism is associated with antipsychotic-induced weight gain. Monteleone P, et al. J Clin

Psychopharmacol, 2010 Aug. PMID 20631561.Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.[C358A polymorphism of the endocannabinoid degrading enzyme fatty acid amide hydrolase (FAAH) and adipocytokine levels in the morbidly obese] De Luis DA, et al. Endocrinol Nutr, 2010 Feb. PMID 20189896.Effects of C358A missense polymorphism of the degrading enzyme fatty acid amide hydrolase on weight loss, adipocytokines, and insulin resistance after 2 hypocaloric diets. Deluis DA, et al. Metabolism, 2010 Sep. PMID 20102775.

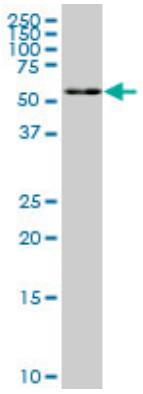
Images



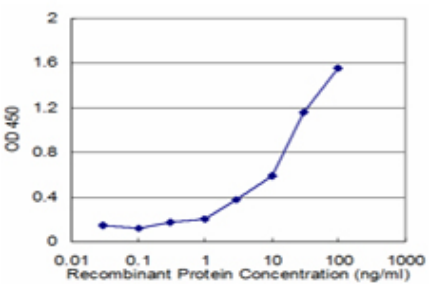
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



FAAH monoclonal antibody (M01), clone 2G8. Western Blot analysis of FAAH expression in rat muscle.



FAAH monoclonal antibody (M01), clone 2G8. Western Blot analysis of FAAH expression in MCF-7 ((Cat # AT1982a)



Detection limit for recombinant GST tagged FAAH is approximately 0.3ng/ml as a capture antibody.

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