

# FAAH Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant FAAH.

Catalog # AT1982a

## 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, Rat
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	2G8
<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) (M01) 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.

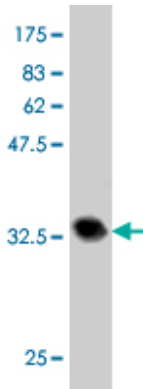
## References

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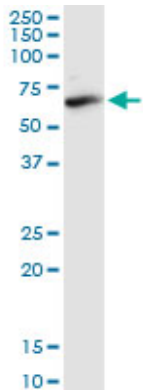
Effects of C358A missense polymorphism of the endocannabinoid degrading enzyme fatty acid amide hydrolase on weight loss after a hypocaloric diet. de Luis DA, et al. Metabolism, 2010 Aug 16. PMID 20716455. Endocannabinoid Pro129Thr FAAH functional polymorphism but not 1359G/A CNR1 polymorphism is associated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

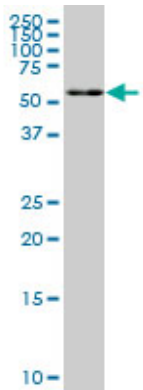
Images



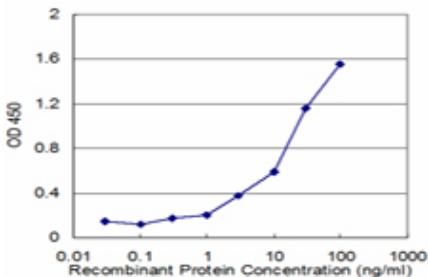
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



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'.