

**FAAH Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant FAAH.****Catalog # AT1982a****Specification**

---

**FAAH Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, E                     |
| Primary Accession | <a href="#">O00519</a>    |
| Other Accession   | <a href="#">NM_001441</a> |
| Reactivity        | Human, Rat                |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG1 Kappa                |
| Calculated MW     | 63066                     |

**FAAH Antibody (monoclonal) (M01) - 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.

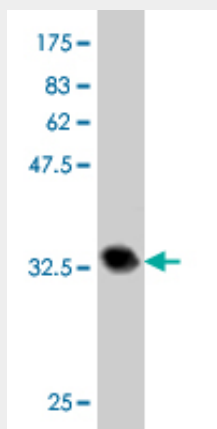
**FAAH Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

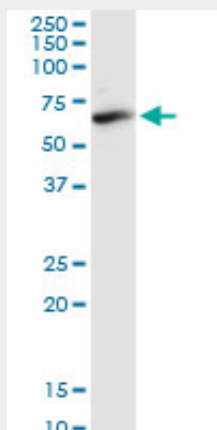
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

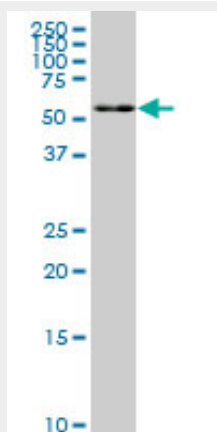
#### FAAH Antibody (monoclonal) (M01) - Images



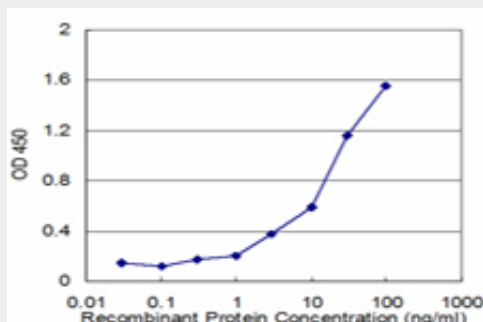
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



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.

### FAAH Antibody (monoclonal) (M01) - 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.

### FAAH Antibody (monoclonal) (M01) - 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 Thiazolidinedione-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.