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ASAHL Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant NAAA.
Catalog # AT1208a

Specification

ASAHL Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, E**
Primary Accession	Q02083
Other Accession	NM_014435
Reactivity	**Human, Mouse**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**40066**

ASAHL Antibody (monoclonal) (M01) - Additional Information

Gene ID 27163

Other Names
N-acylethanolamine-hydrolyzing acid amidase, 351-, Acid ceramidase-like protein, N-acylsphingosine amidohydrolase-like, ASAH-like protein, N-acylethanolamine-hydrolyzing acid amidase subunit alpha, N-acylethanolamine-hydrolyzing acid amidase subunit beta, NAAA, ASAHL, PLT

Target/Specificity
NAAA (NP_055250, 36 a.a. ~ 104 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

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
ASAHL Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

ASAHL Antibody (monoclonal) (M01) - Protocols

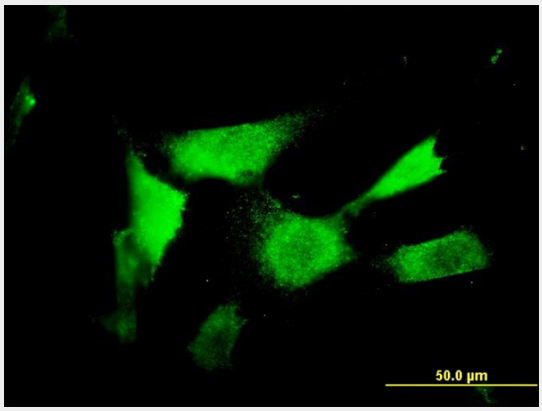
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

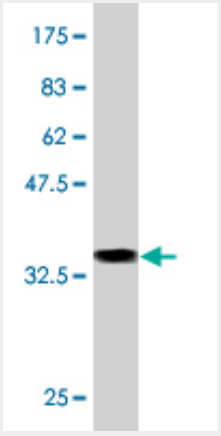
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- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

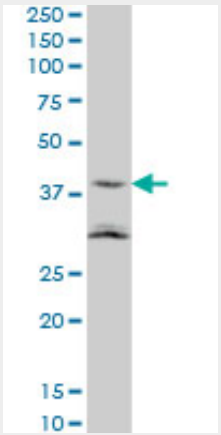
ASAHL Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to NAAA on NIH/3T3 cell. [antibody concentration 10 ug/ml]

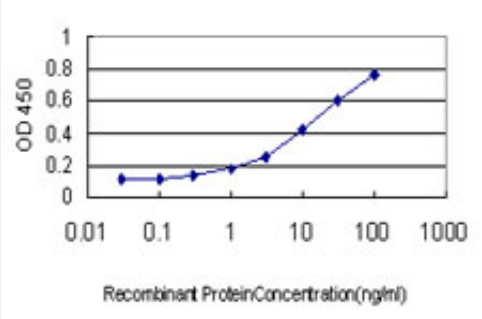


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (33.33 KDa) .



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NAAA monoclonal antibody (M01), clone 5E3 Western Blot analysis of ASAHL expression in NIH/3T3 ((Cat # AT1208a)



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

ASAHL Antibody (monoclonal) (M01) - Background

This gene encodes an N-acylethanolamine-hydrolyzing enzyme which is highly similar to acid ceramidase. Multiple transcript variants encoding different isoforms have been found for this gene.

ASAHL Antibody (monoclonal) (M01) - References

Lack of association of genetic variants in genes of the endocannabinoid system with anorexia nervosa. M?ller TD, et al. Child Adolesc Psychiatry Ment Health, 2008 Nov 17. PMID 19014633.Expression and secretion of N-acylethanolamine-hydrolysing acid amidase in human prostate cancer cells. Wang J, et al. J Biochem, 2008 Nov. PMID 18806270.Overexpression and mass spectrometry analysis of mature human acid ceramidase. Schulze H, et al. Biol Chem, 2007 Dec. PMID 18020949.Proteolytic activation and glycosylation of N-acylethanolamine-hydrolyzing acid amidase, a lysosomal enzyme involved in the endocannabinoid metabolism. Zhao LY, et al. Biochim Biophys Acta, 2007 Nov. PMID 17980170.Transcriptome analysis of human gastric cancer. Oh JH, et al. Mamm Genome, 2005 Dec. PMID 16341674.