10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PAFAH1B3 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a full-length recombinant PAFAH1B3.
Catalog # AT3171a

Specification

PAFAH1B3 Antibody (monoclonal) (M08) - Product Information

Application	**WB, E**
Primary Accession	Q15102
Other Accession	BC003016
Reactivity	**Human, Mouse, Rat**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**25734**

PAFAH1B3 Antibody (monoclonal) (M08) - Additional Information

Gene ID 5050

Other Names
Platelet-activating factor acetylhydrolase IB subunit gamma, PAF acetylhydrolase 29 kDa subunit, PAF-AH 29 kDa subunit, PAF-AH subunit gamma, PAFAH subunit gamma, PAFAH1B3, PAFAHG

Target/Specificity
PAFAH1B3 (AAH03016, 1 a.a. ~ 231 a.a) full-length 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
PAFAH1B3 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

PAFAH1B3 Antibody (monoclonal) (M08) - Protocols

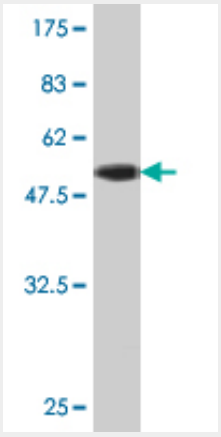
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

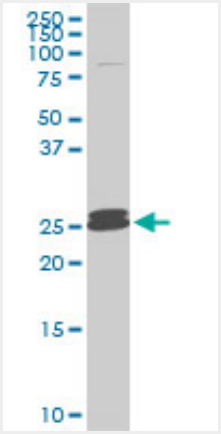
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

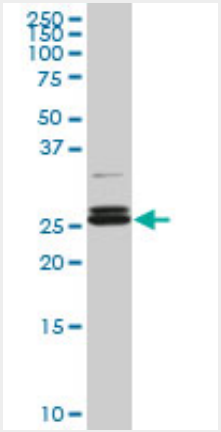
PAFAH1B3 Antibody (monoclonal) (M08) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (51.15 KDa) .

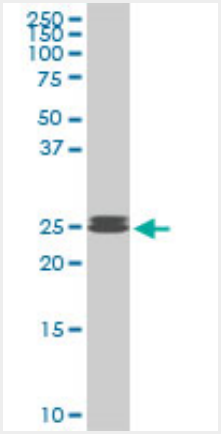


PAFAH1B3 monoclonal antibody (M08), clone 3G6. Western Blot analysis of PAFAH1B3 expression in PC-12 ((Cat # AT3171a)

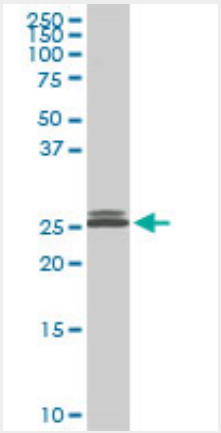


10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

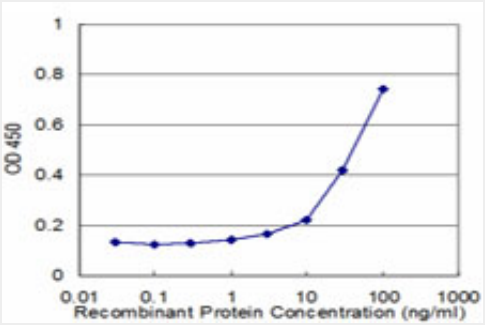
PAFAH1B3 monoclonal antibody (M08), clone 3G6. Western Blot analysis of PAFAH1B3 expression in IMR-32 ((Cat # AT3171a)



PAFAH1B3 monoclonal antibody (M08), clone 3G6. Western Blot analysis of PAFAH1B3 expression in Raw 264.7 ((Cat # AT3171a)



PAFAH1B3 monoclonal antibody (M08), clone 3G6. Western Blot analysis of PAFAH1B3 expression in NIH/3T3 ((Cat # AT3171a)



Detection limit for recombinant GST tagged PAFAH1B3 is approximately 3ng/ml as a capture antibody.

PAFAH1B3 Antibody (monoclonal) (M08) - Background

This gene encodes an acetylhydrolase that catalyzes the removal of an acetyl group from the glycerol backbone of platelet-activating factor. The encoded enzyme is a subunit of the platelet-activating factor acetylhydrolase isoform 1B complex, which consists of the catalytic beta and gamma subunits and the regulatory alpha subunit. This complex functions in brain development. A translocation between this gene on chromosome 19 and the CDC-like kinase 2 gene

on chromosome 1 has been observed, and was associated with mental retardation, ataxia, and atrophy of the brain. Alternatively spliced transcript variants have been described.

PAFAH1B3 Antibody (monoclonal) (M08) - References

Opposing effects of Ndel1 and alpha1 or alpha2 on cytoplasmic dynein through competitive binding to Lis1. Ding C, et al. J Cell Sci, 2009 Aug 15. PMID 19622634.Proteomic analysis of SUMO4 substrates in HEK293 cells under serum starvation-induced stress. Guo D, et al. Biochem Biophys Res Commun, 2005 Dec 2. PMID 16236267.Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.