

PAFAH1B3 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a full length recombinant PAFAH1B3.****Catalog # AT3170a****Specification**

PAFAH1B3 Antibody (monoclonal) (M02) - Product Information

Application	IF, WB, E
Primary Accession	Q15102
Other Accession	BC003016
Reactivity	Human, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	25734

PAFAH1B3 Antibody (monoclonal) (M02) - 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

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) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

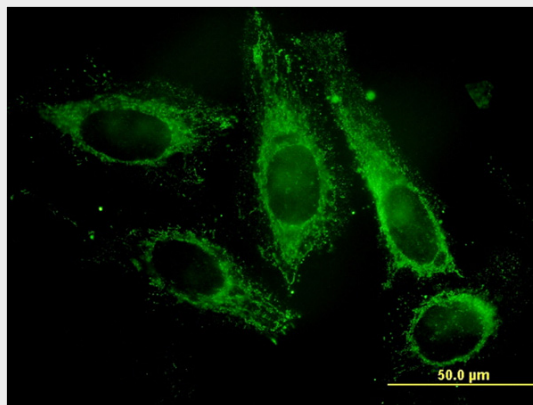
PAFAH1B3 Antibody (monoclonal) (M02) - Protocols

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

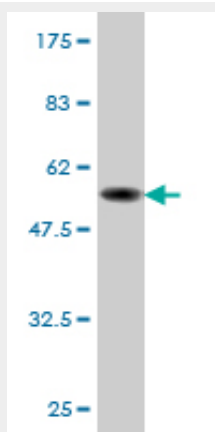
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

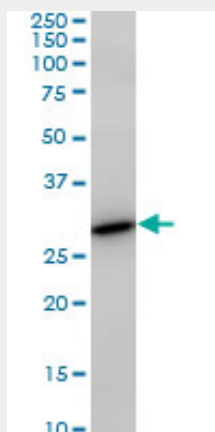
PAFAH1B3 Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to PAFAH1B3 on HeLa cell. [antibody concentration 10 ug/ml]

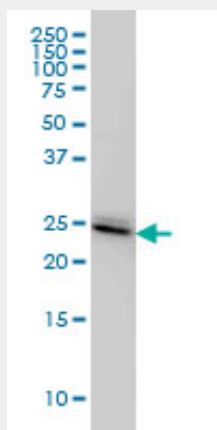


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.15 KDa) .

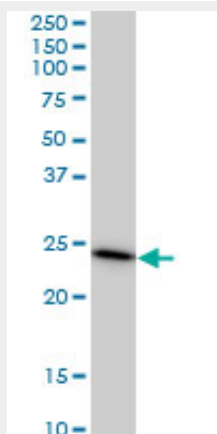


PAFAH1B3 monoclonal antibody (M02), clone 8C11. Western Blot analysis of PAFAH1B3

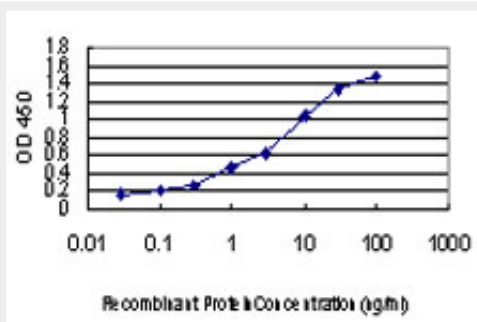
expression in PC-12 ((Cat # AT3170a)



PAFAH1B3 monoclonal antibody (M02), clone 8C11 Western Blot analysis of PAFAH1B3 expression in IMR-32 ((Cat # AT3170a)



PAFAH1B3 monoclonal antibody (M02), clone 8C11. Western Blot analysis of PAFAH1B3 expression in Jurkat ((Cat # AT3170a)



Detection limit for recombinant GST tagged PAFAH1B3 is approximately 0.1ng/ml as a capture antibody.

PAFAH1B3 Antibody (monoclonal) (M02) - 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) (M02) - References

1. Loss of PAFAH1B2 Reduces Amyloid- β Generation by Promoting the Degradation of Amyloid Precursor Protein C-Terminal Fragments. Page RM, Munch A, Horn T, Kuhn PH, Colombo A, Reiner O, Boutros M, Steiner H, Lichtenthaler SF, Haass C. *J Neurosci*. 2012 Dec 12;32(50):18204-18214.