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PAFAH1B3 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant PAFAH1B3.
Catalog # AT3170a

Product Information

Application	WB, IF, E
Primary Accession	Q15102
Other Accession	BC003016
Reactivity	Human, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	8C11
Calculated MW	25734

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 IF~~1:50~200 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) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

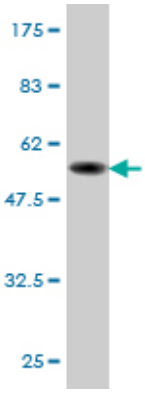
Background

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.

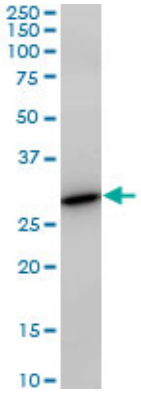
References

1.Loss of PAFAH1B2 Reduces Amyloid-?] 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.

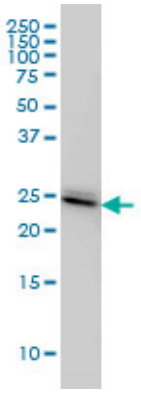
Images



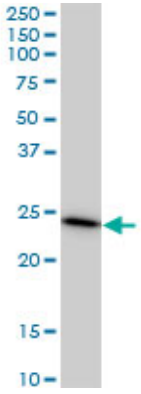
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (51.15 KDa) .



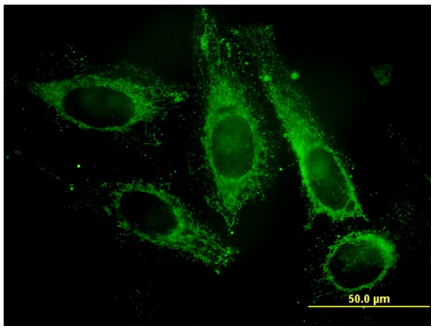
PAFAH1B3 monoclonal antibody (M02), clone 8C11. Western Blot analysis of PAFAH1B3 expression in PC-12 ((Cat # AT3170a)



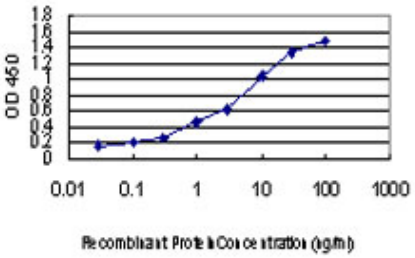
PAFAH1B3 monoclonal antibody (M02), clone 8C11 Western Blot analysis of PAFAH1B3 expression in IMR-32 ((Cat # AT3170a)



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



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.