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Product datasheet for TA804553

PAFAH1B3 Mouse Monoclonal Antibody [Clone ID: OTI4B2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B2
Applications:	WB
Recommend Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PAFAH1B3 (NP_001139411) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	25.6 kDa
Gene Name:	platelet activating factor acetylhydrolase 1b catalytic subunit 3
Database Link:	NP_001139411 Entrez Gene 5050 Human
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. [provided by RefSeq, Mar 2009]
Synonyms:	PAFAHG
Protein Families:	Druggable Genome
Protein Pathways:	Ether lipid metabolism, Metabolic pathways

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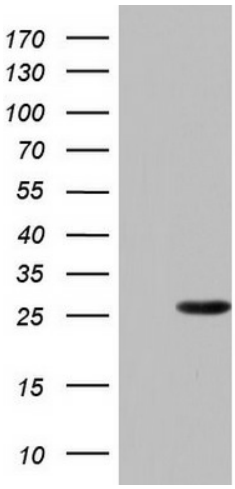
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PAFAH1B3 ([RC227227], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PAFAH1B3. Positive lysates [LY429044] (100ug) and [LC429044] (20ug) can be purchased separately from OriGene.