

PPFIA4 Antibody (monoclonal) (M10)

Mouse monoclonal antibody raised against a partial recombinant PPFIA4.

Catalog # AT3398a

Product Information

Application	WB, E
Primary Accession	O75335
Other Accession	NM_015053
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3B1
Calculated MW	134404

Additional Information

Gene ID	8497
Other Names	Liprin-alpha-4, Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-4, PTPRF-interacting protein alpha-4, PPFIA4, KIAA0897
Target/Specificity	PPFIA4 (NP_055868, 604 a.a. ~ 699 a.a) partial 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	PPFIA4 Antibody (monoclonal) (M10) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

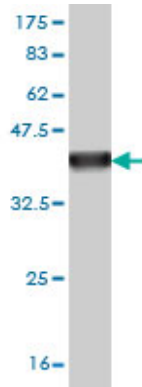
PPFIA4, or liprin-alpha-4, belongs to the liprin-alpha gene family. See liprin-alpha-1 (LIP1, or PPFIA1; MIM 611054) for background on liprins.

References

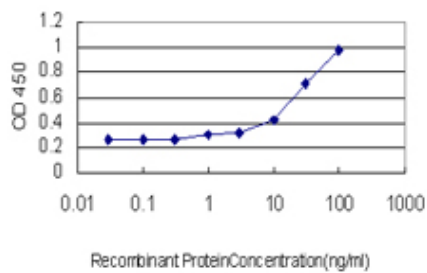
Follow-up of a major linkage peak on chromosome 1 reveals suggestive QTLs associated with essential hypertension: GenNet study. Ehret GB, et al. Eur J Hum Genet, 2009 Dec. PMID 19536175. Systematic identification of SH3 domain-mediated human protein-protein interactions by peptide array target

screening. Wu C, et al. Proteomics, 2007 Jun. PMID 17474147. A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, et al. Cell, 2006 May 19. PMID 16713569. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Yeast two-hybrid screens implicate DISC1 in brain development and function. Millar JK, et al. Biochem Biophys Res Commun, 2003 Nov 28. PMID 14623284.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.3 kDa) .



Detection limit for recombinant GST tagged PPFIA4 is approximately 1 ng/ml as a capture antibody.

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