

PPFIA4 Antibody (monoclonal) (M10)**Mouse monoclonal antibody raised against a partial recombinant PPFIA4.****Catalog # AT3398a****Specification**

PPFIA4 Antibody (monoclonal) (M10) - Product Information

Application	WB, E
Primary Accession	O75335
Other Accession	NM_015053
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	134404

PPFIA4 Antibody (monoclonal) (M10) - 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.

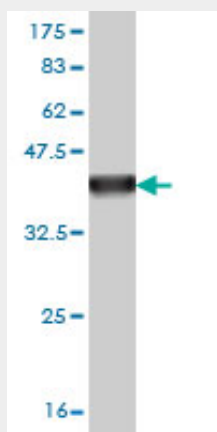
PPFIA4 Antibody (monoclonal) (M10) - Protocols

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

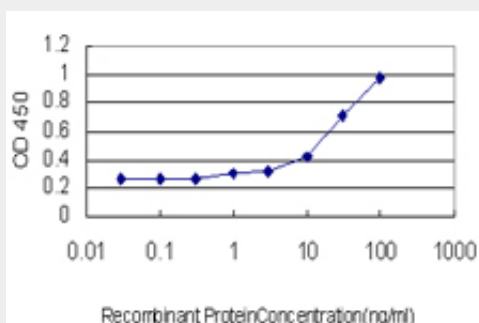
- [Western Blot](#)
- [Blocking Peptides](#)

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

PPFIA4 Antibody (monoclonal) (M10) - Images



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



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

PPFIA4 Antibody (monoclonal) (M10) - 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.

PPFIA4 Antibody (monoclonal) (M10) - 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.