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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

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

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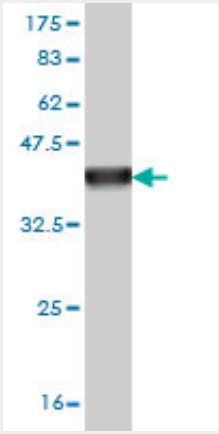
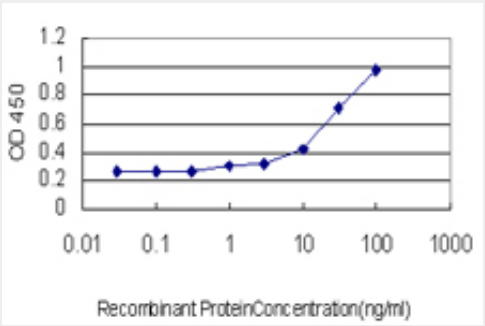
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.