

HIP1R Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant HIP1R.

Catalog # AT2371a

Product Information

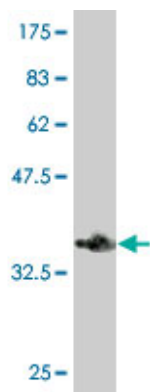
Application	WB, E
Primary Accession	O75146
Other Accession	NM_003959
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3E11
Calculated MW	119388

Additional Information

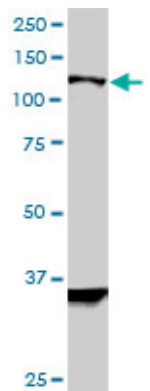
Gene ID	9026
Other Names	Huntingtin-interacting protein 1-related protein, HIP1-related protein, Huntingtin-interacting protein 12, HIP-12, HIP1R, HIP12, KIAA0655
Target/Specificity	HIP1R (NP_003950, 969 a.a. ~ 1066 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	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	HIP1R Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

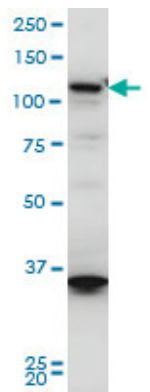
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. HIP1R interacts with a member of Bcl-2 family, BCL2L10, and induces BAK-dependent cell death. Kim JH, et al. Cell Physiol Biochem, 2009. PMID 19255499. Actin binding by Hip1 (huntingtin-interacting protein 1) and Hip1R (Hip1-related protein) is regulated by clathrin light chain. Wilbur JD, et al. J Biol Chem, 2008 Nov 21. PMID 18790740. Clathrin light chains function in mannose phosphate receptor trafficking via regulation of actin assembly. Poupon V, et al. Proc Natl Acad Sci U S A, 2008 Jan 8. PMID 18165318. Huntingtin-interacting protein 1 influences worm and mouse presynaptic function and protects Caenorhabditis elegans neurons against mutant polyglutamine toxicity. Parker JA, et al. J Neurosci, 2007 Oct 10. PMID 17928447.



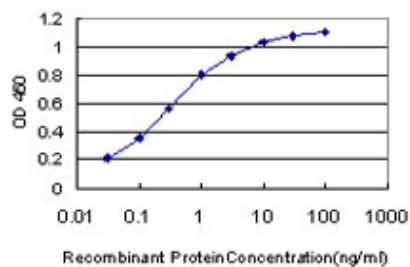
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa) .



HIP1R monoclonal antibody (M01), clone 3E10. Western Blot analysis of HIP1R expression in human liver.



HIP1R monoclonal antibody (M01), clone 3E10 Western Blot analysis of HIP1R expression in A-431 ((Cat # AT2371a)



Detection limit for recombinant GST tagged HIP1R is approximately 0.03ng/ml as a capture antibody.

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