

HIP1R Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant HIP1R.****Catalog # AT2371a****Specification**

HIP1R Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O75146
Other Accession	NM_003959
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	119388

HIP1R Antibody (monoclonal) (M01) - 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

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.

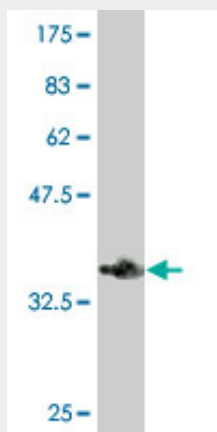
HIP1R Antibody (monoclonal) (M01) - Protocols

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

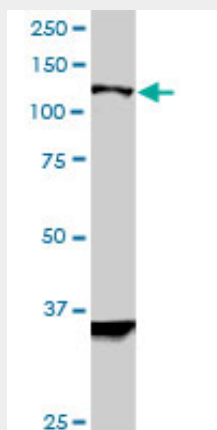
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

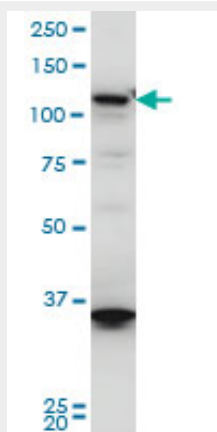
HIP1R Antibody (monoclonal) (M01) - Images



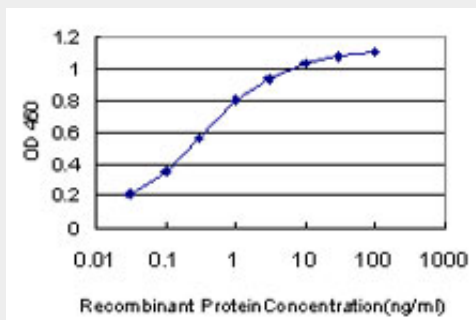
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .



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.

HIP1R Antibody (monoclonal) (M01) - 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.