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PHF21A Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PHF21A.
Catalog # AT3296a

Specification

PHF21A Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q96BD5
Other Accession	NM_016621
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**74854**

PHF21A Antibody (monoclonal) (M01) - Additional Information

Gene ID 51317

Other Names
PHD finger protein 21A, BHC80a, BRAF35-HDAC complex protein BHC80, PHF21A, BHC80, KIAA1696

Target/Specificity
PHF21A (NP_057705, 331 a.a. ~ 430 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
PHF21A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

PHF21A Antibody (monoclonal) (M01) - Protocols

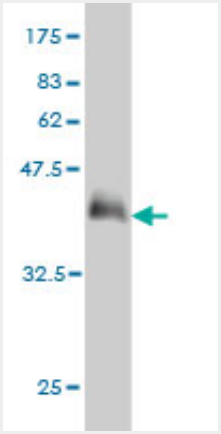
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

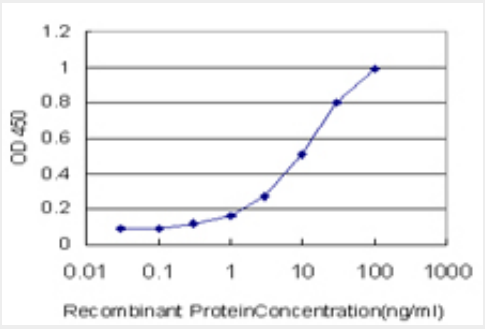
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PHF21A Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged PHF21A is approximately 0.3ng/ml as a capture antibody.

PHF21A Antibody (monoclonal) (M01) - Background

BHC80 is a component of a BRAF35 (MIM 605535)/histone deacetylase (HDAC; see MIM 601241) complex (BHC) that mediates repression of neuron-specific genes through the cis-regulatory element known as repressor element-1 (RE1) or neural restrictive silencer (NRS) (Hakimi et al., 2002 [PubMed 12032298]).

PHF21A 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.The rest repression of the neurosecretory phenotype is negatively modulated by BHC80, a protein of the BRAF/HDAC complex. Klajn A, et al. J Neurosci, 2009 May 13. PMID 19439607.Systematic analysis of the protein interaction network for the human transcription machinery reveals the identity of the 7SK capping enzyme. Jeronimo C, et al. Mol Cell, 2007 Jul 20. PMID 17643375.Gene function in early mouse embryonic stem cell differentiation. Hailesellasse Sene K, et al. BMC Genomics, 2007 Mar 29. PMID 17394647.Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.