

AHCYL1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant AHCYL1.

Catalog # AT1070a

Product Information

| | |
|--------------------------|---------------------------|
| Application | WB, E |
| Primary Accession | O43865 |
| Other Accession | NM_006621 |
| Reactivity | Human, Rat |
| Host | mouse |
| Clonality | monoclonal |
| Isotype | IgG2b Kappa |
| Clone Names | 1B3 |
| Calculated MW | 58951 |

Additional Information

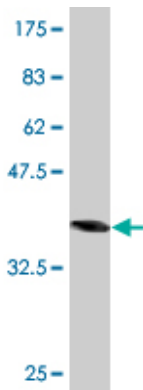
| | |
|---------------------------|--|
| Gene ID | 10768 |
| Other Names | Putative adenosylhomocysteinase 2, AdoHcyase 2, DC-expressed AHCY-like molecule, IP(3)Rs binding protein released with IP(3), IRBIT, S-adenosyl-L-homocysteine hydrolase 2, S-adenosylhomocysteine hydrolase-like protein 1, AHCYL1, DCAL, XPVKONA |
| Target/Specificity | AHCYL1 (NP_006612, 1 a.a. ~ 101 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 | AHCYL1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures. |

References

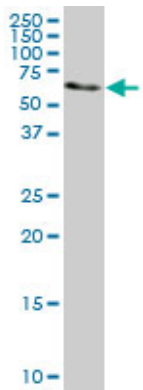
Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. An IRBIT homologue lacks binding activity to inositol 1,4,5-trisphosphate receptor due to the unique N-terminal appendage. Ando H, et al. J Neurochem, 2009 Apr. PMID 19220705. Proteomic analysis reveals Hrs ubiquitin-interacting motif-mediated ubiquitin signaling in multiple cellular processes. Pridgeon JW, et al. FEBS J, 2009 Jan. PMID 19019082. IRBIT, an inositol 1,4,5-trisphosphate receptor-binding protein, specifically binds to and activates pancreas-type Na⁺/HCO₃⁻ cotransporter 1 (pNBC1). Shirakabe K, et al. Proc Natl Acad Sci U S A, 2006 Jun 20. PMID 16769890. Suppression and overexpression of

adenosylhomocysteine hydrolase-like protein 1 (AHCYL1) influences zebrafish embryo development: a possible role for AHCYL1 in inositol phospholipid signaling. Cooper BJ, et al. J Biol Chem, 2006 Aug 11. PMID 16754674.

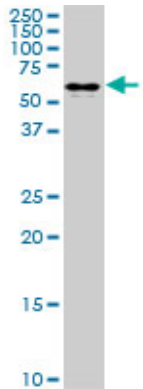
Images



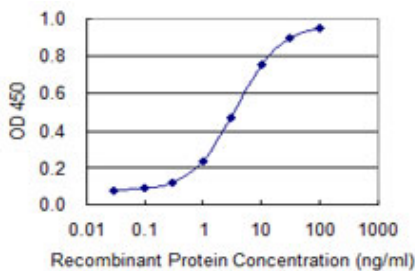
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 KDa) .



AHCYL1 monoclonal antibody (M03), clone 1B3. Western Blot analysis of AHCYL1 expression in HeLa ((Cat # AT1070a)



AHCYL1 monoclonal antibody (M03), clone 1B3. Western Blot analysis of AHCYL1 expression in PC-12 ((Cat # AT1070a)



Detection limit for recombinant GST tagged AHCYL1 is 0.1 ng/ml as a capture antibody.

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