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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

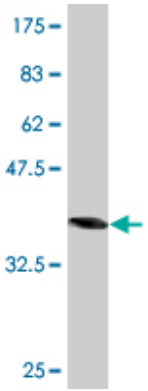
Gene ID	10768
Other Names	Putative adenosylhomocysteinase 2, AdoHcyase 2, DC-expressed AHCY-like molecule, IP(3)Rs binding protein released with IP(3), IRBIT, S-adenosyl-L-homocysteine hydrolase 2, S-adenosylhomocysteine hydrolase-like protein 1, AHCYL1, DCAL, XPVKONA
Target/Specificity	AHCYL1 (NP_006612, 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

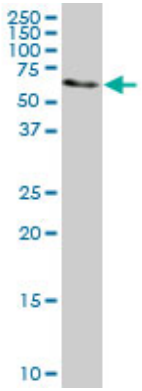
Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.An IRBIT homologue lacks binding activity to inositol 1,4,5-trisphosphate receptor due to the unique N-terminal appendage. Ando H, et al. J Neurochem, 2009 Apr. PMID 19220705.Proteomic analysis 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.

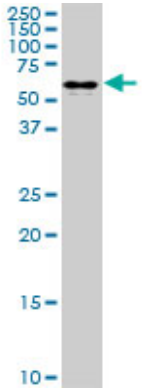
Images



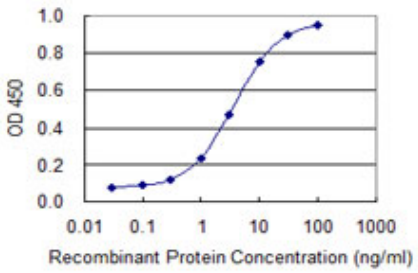
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.85 KDa) .



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'.