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PCYT1A Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant PCYT1A.
Catalog # AT3243a

Product Information

Application	WB, IF, E
Primary Accession	P49585
Other Accession	NM_005017
Reactivity	Human, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6E7
Calculated MW	41731

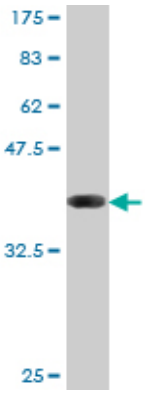
Additional Information

Gene ID	5130
Other Names	Choline-phosphate cytidylyltransferase A, CCT-alpha, CTP:phosphocholine cytidylyltransferase A, CCT A, CT A, Phosphorylcholine transferase A, PCYT1A, CTPCT, PCYT1
Target/Specificity	PCYT1A (NP_005008, 2 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 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	PCYT1A Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

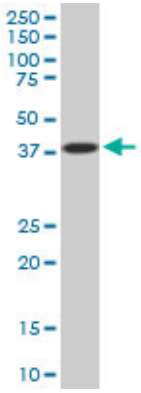
References

Polymorphisms located in the region containing BHMT and BHMT2 genes as maternal protective factors for orofacial clefts. Mostowska A, et al. Eur J Oral Sci, 2010 Aug. PMID 20662904.Associations of folate and choline metabolism gene polymorphisms with orofacial clefts. Mostowska A, et al. J Med Genet, 2009 Sep 7. PMID 19737740.CHKA and PCYT1A gene polymorphisms, choline intake and spina bifida risk in a California population. Enaw JO, et al. BMC Med, 2006 Dec 21. PMID 17184542.Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.

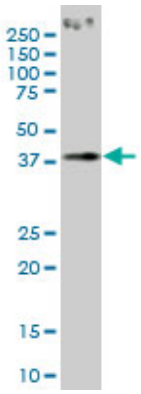
Images



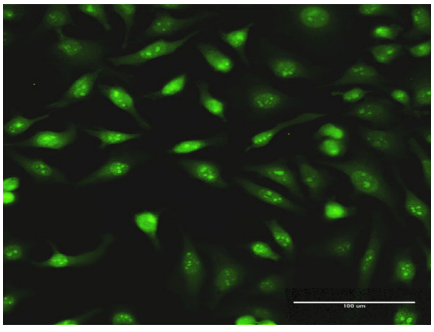
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.53 KDa) .



PCYT1A monoclonal antibody (M02), clone 6E6. Western Blot analysis of PCYT1A expression in PC-12 ((Cat # AT3243a)



PCYT1A monoclonal antibody (M02), clone 6E6. Western Blot analysis of PCYT1A expression in K-562 ((Cat # AT3243a)



Immunofluorescence of monoclonal antibody to PCYT1A on HeLa cell . [antibody concentration 20 ug/ml]

Detection limit for recombinant GST tagged PCYT1A is approximately 3ng/ml as a capture antibody.