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PLSCR3 Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a full length recombinant PLSCR3.
Catalog # AT3350a

Product Information

Application	WB
Primary Accession	Q9NRY6
Other Accession	BC011735
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2C8
Calculated MW	31648

Additional Information

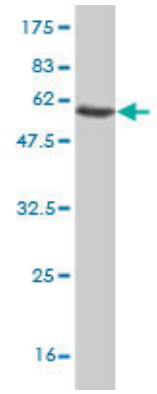
Gene ID	57048
Other Names	Phospholipid scramblase 3, PL scramblase 3, Ca(2+)-dependent phospholipid scramblase 3, PLSCR3
Target/Specificity	PLSCR3 (AAH11735, 1 a.a. ~ 295 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	PLSCR3 Antibody (monoclonal) (M09) is for research use only and not for use in diagnostic or therapeutic procedures.

References

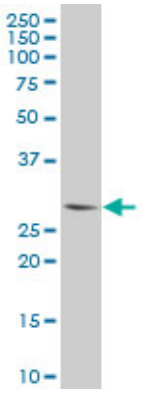
Calcium binding studies of peptides of human phospholipid scramblases 1 to 4 suggest that scramblases are new class of calcium binding proteins in the cell. Sahu SK, et al. Biochim Biophys Acta, 2009 Oct. PMID 19540310.Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) induced mitochondrial pathway to apoptosis and caspase activation is potentiated by phospholipid scramblase-3. Ndebele K, et al. Apoptosis, 2008 Jul. PMID 18491232.Identification of Alix-type and Non-Alix-type ALG-2-binding sites in human phospholipid scramblase 3: differential binding to an alternatively spliced isoform and amino acid-substituted mutants. Shibata H, et al. J Biol Chem, 2008 Apr 11. PMID 18256029.Phosphorylation of mitochondrial phospholipid scramblase 3 by protein kinase C-delta induces its activation and facilitates mitochondrial targeting of tBid. He Y, et al. J Cell Biochem, 2007 Aug 1. PMID 17226776.Phospholipid

scramblase-3 regulates cardiolipin de novo biosynthesis and its resynthesis in growing HeLa cells. Van Q, et al. Biochem J, 2007 Jan 1. PMID 16939411.

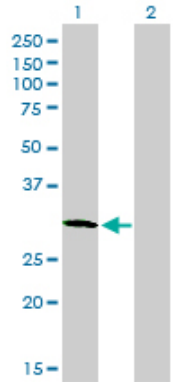
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (58.19 KDa) .

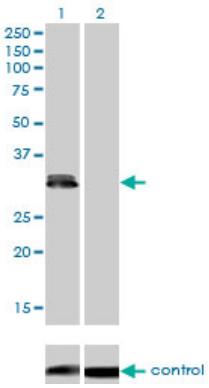


PLSCR3 monoclonal antibody (M09), clone 2C8 Western Blot analysis of PLSCR3 expression in HL-60 ((Cat # AT3350a)



Western Blot analysis of PLSCR3 expression in transfected 293T cell line by PLSCR3 monoclonal antibody (M09), clone 2C8.

Lane 1: PLSCR3 transfected lysate(31.7 KDa).
Lane 2: Non-transfected lysate.



Western blot analysis of PLSCR3 over-expressed 293 cell line, cotransfected with PLSCR3 Validated Chimera RNAi ((Cat # AT3350a)

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