

## PLSCR3 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full-length recombinant PLSCR3.

Catalog # AT3349a

### Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9NRY6</a>
<b>Other Accession</b>	<a href="#">BC011735</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2b Kappa
<b>Clone Names</b>	4B5
<b>Calculated MW</b>	31648

### Additional Information

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<b>Gene ID</b>	57048
<b>Other Names</b>	Phospholipid scramblase 3, PL scramblase 3, Ca(2+)-dependent phospholipid scramblase 3, PLSCR3
<b>Target/Specificity</b>	PLSCR3 (AAH11735, 1 a.a. ~ 295 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	PLSCR3 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

### References

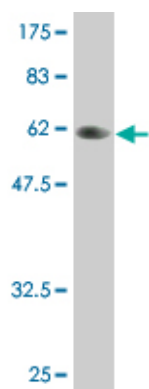
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Calcium binding studies of peptides of human phospholipid scramblases 1 to 4 suggest that scramblases are new class of calcium binding proteins in the cell. Sahu SK, et al. Biochim Biophys Acta, 2009 Oct. PMID 19540310. Tumor necrosis factor (TNF)-related 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

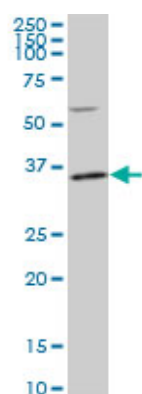
scramblase-3 regulates cardiolipin de novo biosynthesis and its resynthesis in growing HeLa cells. Van Q, et al. Biochem J, 2007 Jan 1. PMID 16939411.

## Images

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



PLSCR3 monoclonal antibody (M02), clone 4B5. Western Blot analysis of PLSCR3 expression in PC-12 (Cat # AT3349a )

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