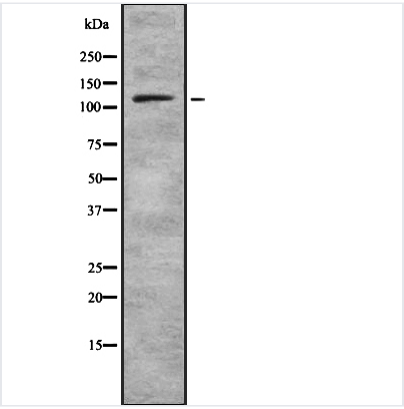
PLD1 Antibody

PRODUCT OVERVIEW

Product Name	PLD1, Antibody
Full Product Name	PLD1 Antibody
Product Gene Name	anti-PLD1 antibody
Molecular Weight	112,184 Da
OMIM	212093
3D Structure	ModBase 3D Structure for Q13393
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-PLD1 antibody	MBS8517166 is an antibody targeting PLD1. Also known as PLD1 Antibody.
Other Notes	Small volumes of anti-PLD1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PLD1 antibody
Western blot analysis PLD1 using COLO205 whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLD1. It may not necessarily be applicable to this product.

NCBI GI #	4505873
NCBI GeneID	5337
NCBI Accession #	NP_002653.1
UniProt Primary Accession #	Q13393
UniProt Related Accession #	Q13393
GenBank Nucleotide #	NM_002662.4
NCBI Official Full Name	phospholipase D1 isoform a
NCBI Official Synonym Full Names	phospholipase D1

NCBI Official Symbol	PLD1
NCBI Official Synonym Symbols	CVDD
UniProt Protein Name	Phospholipase D1
UniProt Synonym Protein Names	Choline phosphatase 1; Phosphatidylcholine-hydrolyzing phospholipase D1
Protein Family	Pyridoxal 4-dehydrogenase
UniProt Gene Name	PLD1
UniProt Synonym Gene Names	PLD 1; hPLD1
NCBI Protein Information	phospholipase D1
NCBI Summary for PLD1	This gene encodes a phosphatidylcholine-specific phospholipase which catalyzes the hydrolysis of phosphatidylcholine in order to yield phosphatidic acid and choline. The enzyme may play a role in signal transduction and subcellular trafficking. Alternative splicing results in multiple transcript variants with both catalytic and regulatory properties. [provided by RefSeq, Sep 2011]
UniProt Comments for PLD1	Implicated as a critical step in numerous cellular pathways, including signal transduction, membrane trafficking, and the regulation of mitosis. May be involved in the regulation of perinuclear intravesicular membrane traffic ().
Research Articles on PLD1	**1.** The results of this study shown that significant PLD1 down-regulation has been observed in total MS patients compared with controls.
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