

Rabbit Phospholipase D4 Polyclonal Antibody | anti-PLD4 antibody

Anti-Phospholipase D4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA27793	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry

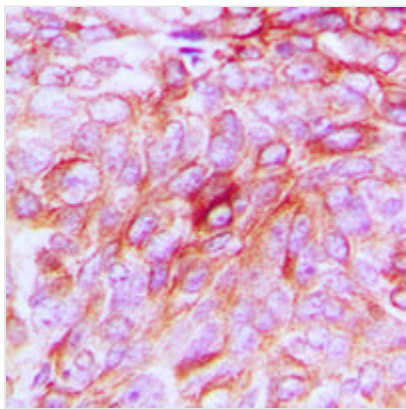
PRODUCT SYNONYMS

Phospholipase D4; Polyclonal Antibody; Anti-Phospholipase D4 Antibody; C14orf175; PLD 4; Choline phosphatase 4; Phosphatidylcholine-hydrolyzing phospholipase D4; anti-PLD4 antibody

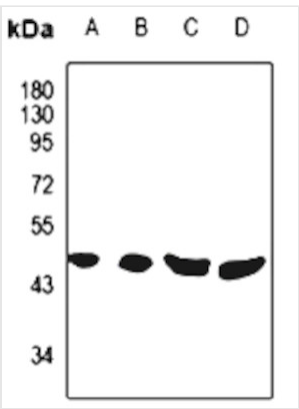
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Phospholipase D4 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	506
Applicable Applications for anti-PLD4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: (1/500 - 1/1000) IHC: (1/100 - 1/200)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Phospholipase D4. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of Phospholipase D4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of Phospholipase D4 expression in PC12 (A), CT26 (B), HeLa (C), A549 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PLD4 antibody	Rabbit polyclonal antibody to Phospholipase D4
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94681038
NCBI GeneID	122618
NCBI Accession #	NP_620145.2
NCBI GenBank Nucleotide #	NM_138790.3
UniProt Accession #	Q96BZ4; Q6UWD2
NCBI Official Full Name	phospholipase D4 isoform 2
NCBI Official Synonym Full Names	phospholipase D family, member 4
NCBI Official Symbol	PLD4
NCBI Official Synonym Symbols	C14orf175
NCBI Protein Information	phospholipase D4
UniProt Protein Name	Phospholipase D4
UniProt Gene Name	PLD4
UniProt Synonym Gene Names	C14orf175; PLD 4
UniProt Entry Name	PLD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.