

Rabbit PLD4 Polyclonal Antibody | anti-PLD4 antibody

PLD4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324952	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

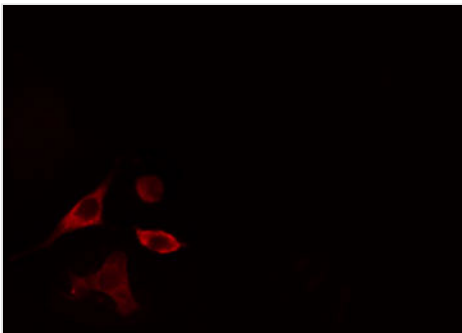
PRODUCT SYNONYMS

PLD4; Polyclonal Antibody; PLD4 Antibody; C14orf175; Choline phosphatase 4; EC 3.1.4.4; Phosphatidylcholine hydrolyzing phospholipase D4; Phosphatidylcholine hydrolyzing phospholipase D4; Phospholipase D family member 4; Phospholipase D4; PLD 4; PLD4_HUMAN; anti-PLD4 antibody

PRODUCT SPECIFICATIONS

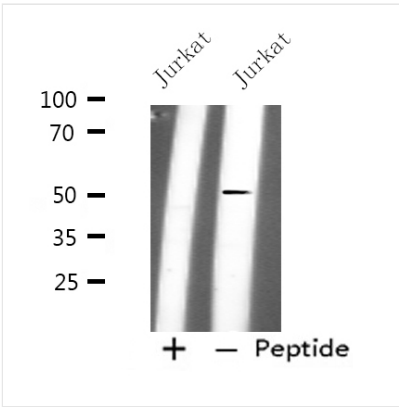
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PLD4 antibody detects endogenous levels of total PLD4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	506
Applicable Applications for anti-PLD4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (90%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324952 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using PLD4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PLD4 antibody	Function: A phosphatidylcholine + H2O = choline + a phosphatidate. Similarity: Belongs to the phospholipase D family.
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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
Molecular Weight	Observed: 50 kD Predicted: 56 kDa
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pld4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324952>