

Rabbit DDHD2 Polyclonal Antibody | anti-DDHD2 antibody

DDHD2 Antibody

CATALOG # AAA328827	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Monkey Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

DDHD2; Polyclonal Antibody; DDHD2 Antibody; anti-DDHD2 antibody

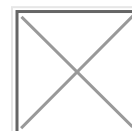
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	DDHD2 Antibody detects endogenous levels of DDHD2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
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	711
Applicable Applications for anti-DDHD2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human DDHD2.
Tissue Specificity	Widely expressed (at protein level).
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Cytosol; Golgi Apparatus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from HEK-293 cells, using DDHD2 Antibody. The lane on the left was treated with blocking peptide.


WB (Western Blot)

Western blot analysis of extracts from COS-7, using DDHD2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DDHD2 antibody	Description: Phospholipase that hydrolyzes preferentially phosphatidic acid, including 1,2-dioleoyl-sn-phosphatidic acid, and phosphatidylethanolamine. Specifically binds to phosphatidylinositol 3-phosphate (PI3P), phosphatidylinositol 4-phosphate (PI4P), phosphatidylinositol 5-phosphate (PI5P) and possibly phosphatidylinositol 4,5-bisphosphate (PI(4,5)P2). May be involved in the maintenance of the endoplasmic reticulum and/or Golgi structures. May regulate the transport between Golgi apparatus and plasma membrane. Subunit Structure: Forms homooligomers and, to a much smaller extent, heterooligomers with DDHD1. Similarity: SAM and DDHD domains together are required for phospholipid binding. Belongs to the PA-PLA1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	256017247
NCBI GeneID	23259
NCBI Accession #	NP_001157704.1
NCBI GenBank Nucleotide #	NP_001157704.1
UniProt Accession #	O94830
Molecular Weight	Observed: 80 kDa Predicted: 82 kDa
NCBI Official Full Name	phospholipase DDHD2 isoform 1
NCBI Official Synonym Full Names	DDHD domain containing 2
NCBI Official Symbol	DDHD2
NCBI Official Synonym Symbols	SPG54; SAMWD1; iPLA(1)gamma
NCBI Protein Information	phospholipase DDHD2
UniProt Protein Name	Phospholipase DDHD2
UniProt Gene Name	DDHD2
UniProt Synonym Gene Names	KIAA0725; SAMWD1

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.