



DDHD2 Mouse mAb

Catalog No	YP-mAb-19194
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DDHD2 KIAA0725 SAMWD1
Immunogen	Synthesized peptide derived from human DDHD2
Specificity	This antibody detects endogenous levels of DDHD2 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DDHD domain containing 2;DDHD2;KIAA0725;KIAA0725p;Phospholipase DDHD2;SAMWD1;DDHD2 KIAA0725 SAMWD1;Phospholipase DDHD2 (DDHD domain-containing protein 2) (SAM;WWE and DDHD domain-containing protein 1); WWE and DDHD domain-containing protein 1)
Observed Band	80-90 kDa
Calculated Molecular Weight	711 aa, 81 kDa
Cell Pathway	Cytoplasm, cytosol. Endoplasmic reticulum-Golgi intermediate compartment. Golgi apparatus, cis-Golgi network. Cycles between the Golgi apparatus and the cytosol. DDHD2 recruitment to the Golgi/endoplasmic reticulum-Golgi intermediate compartment (ERGIC) is regulated by the levels of phosphoinositides, including PI(4)P.
Tissue Specificity	Widely expressed (at protein level).
Function	Phospholipase that hydrolyzes preferentially phosphatidic acid, including 1,2-dioleoyl-sn-phosphatidic acid, and phosphatidylethanolamine. Specifically binds to phosphatidylinositol 3-phosphate (PI(3)P), phosphatidylinositol 4-phosphate (PI(4)P), phosphatidylinositol 5-phosphate (PI(5)P) 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.

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images