

DIAPH2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51997

Product Information

Application	WB
Primary Accession	O60879
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	125569

Additional Information

Gene ID	1730
Other Names	Protein diaphanous homolog 2, Diaphanous-related formin-2, DRF2, DIAPH2, DIA
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	DIAPH2
Synonyms	DIA
Function	Could be involved in oogenesis. Involved in the regulation of endosome dynamics. Implicated in a novel signal transduction pathway, in which isoform 3 and CSK are sequentially activated by RHOD to regulate the motility of early endosomes through interactions with the actin cytoskeleton.
Cellular Location	[Isoform 3]: Cytoplasm, cytosol. Early endosome. Note=Isoform 3 is cytosolic but when coexpressed with RHOD, the 2 proteins colocalize to early endosomes
Tissue Location	Expressed in testis, ovary, small intestine, prostate, lung, liver, kidney and leukocytes

Background

Could be involved in oogenesis. Involved in the regulation of endosome dynamics. Implicated in a novel signal transduction pathway, in which isoform 3 and CSK are sequentially activated by RHOD to regulate the motility of early endosomes through interactions with the actin cytoskeleton.

References

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Gasman S.,et al.Nat. Cell Biol. 5:195-204(2003).
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Ross M.T.,et al.Nature 434:325-337(2005).
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