

**DIAPH2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51997**

**Specification**

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**DIAPH2 Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">O60879</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	130 KDa

**DIAPH2 Antibody - Additional Information**

**Gene ID** 1730

**Other Names**

Protein diaphanous homolog 2, Diaphanous-related formin-2, DRF2, DIAPH2, DIA

**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

**DIAPH2 Antibody - 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

**DIAPH2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **DIAPH2 Antibody - Images**

#### **DIAPH2 Antibody - 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.

#### **DIAPH2 Antibody - References**

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Gasman S.,et al.Nat. Cell Biol. 5:195-204(2003).  
Gasman S.,et al.Nat. Cell Biol. 5:680-680(2003).  
Ross M.T.,et al.Nature 434:325-337(2005).  
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).