10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DIAPH2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9407c

Specification

DIAPH2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession O60879

DIAPH2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 1730

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DIAPH2 Antibody (Center) Blocking Peptide - 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 (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

DIAPH2 Antibody (Center) Blocking Peptide - Images

DIAPH2 Antibody (Center) Blocking Peptide - Background

DIAPH2 belongs to the diaphanous subfamily of the formin homology family of proteins. This gene may play a role in the development and normal function of the ovaries. Defects in this protein have been linked to premature ovarian failure 2.

DIAPH2 Antibody (Center) Blocking Peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Yasuda, S., et al. Nature 428(6984):767-771(2004)Gasman, S., et al. Nat. Cell Biol. 5(3):195-204(2003)Satoh, S., et al. J. Biol. Chem. 276(42):39290-39294(2001)