产品名称: DIAP2 Rabbit Polyclonal Antibody

产品货号: APRab09980



产品概述 (Summary)

产品名称 (Production Name) DIAP2 Rabbit Polyclonal Antibody

描述 (Description) Rabbit polyclonal Antibody

宿主 (Host) Rabbit

应用 (Application)WB,IHC,ICC/IF种属反应性 (Reactivity)Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)Unconjugated修饰 (Modification)Unmodified

同种型 (Isotype) IgG

克隆 (Clonality) Polyclonal 形式 (Form) Liquid

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid 存放说明 (Storage)

freeze/thaw cycles.

Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% 储存溶液 (Buffer)

New type preservative N.

纯化方式 (Purification) Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name) DIAPH2 DIA

别名 (Alternative Names) Protein diaphanous homolog 2 (Diaphanous-related formin-2;DRF2)

基因 ID (Gene ID) 1730.0

蛋白 ID (SwissProt ID) O60879.Synthesized peptide derived from human DIAP2

产品应用 (Application)

稀释比 (Dilution Ratio) WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:50-1:200

蛋白分子量 (Molecular Weight) 125kDa

研究背景 (Background)

The product of this gene belongs to the diaphanous subfamily of the formin homology family of proteins. This gene may

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play a role in the development and normal function of the ovaries. Defects in this gene have been linked to premature ovarian failure 2. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008], developmental stage: Expressed from E16 in ovary and testis and during P6-P16 during differentiation of ovarian follicles., disease: Defects in DIAPH2 are a cause of premature ovarian failure 2 (POF2) [MIM:300511]. Premature ovarian failure (POF) is a defect of ovarian development and is characterized by hypoestrogenism, primary or secondary amenorrhea, with elevated levels of serum gonadotropins, or by early menopause. POF is defined as the cessation of ovarian function under the age of 40 years. The disorder has been attributed to various causes, including rearrangements of a large "critical region" in the long arm of the X chromosome, domain: DRFs are regulated by intramolecular GBD-DAD binding where Rho-GTP activates the DRFs by disrupting the GBD-DAD interaction, 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., similarity: Belongs to the formin homology family. Diaphanous subfamily., similarity: Contains 1 DAD (diaphanous autoregulatory) domain., similarity: Contains 1 FH1 (formin homology 1) domain., similarity: Contains 1 FH2 (formin homology 2) domain, similarity: Contains 1 GBD/FH3 (Rho GTPase-binding/formin homology 3) domain, subcellular location:Isoform 3 is cytosolic but when coexpressed with RHOD, the 2 proteins colocalize to early endosomes., subunit: Isoform 3 interacts with RHOD in the GTP-bound form., tissue specificity: Expressed in testis, ovary, small intestine, prostate, lung, liver, kidney and leukocytes.,

研究领域(Research Area)

图片 (Image Data)



注意事项 (Note)

For research use only.

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