耳聋常染色体显性遗传相关蛋白 3 抗体

产品货号： mlR14325

英文名称： DIAPH3

中文名称： 耳聋常染色体显性遗传相关蛋白 3 抗体

别　　名： AN; AUNA1; Dia2; diap3; DIAP3_HUMAN; DIAPH3; Diaphanous homolog 3 (Drosophila); Diaphanous homolog 3; Diaphanous related formin 3; Diaphanous-related formin-3; DKFZp434C0931; DKFZp686A13178; DRF3; FLJ34705; mDia2; NSDAN; OTTHUMP00000018480; Protein diaphanous homolog 3; RP11-26P21.1.

研究领域： 细胞生物　神经生物学　信号转导　细胞粘附分子　细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Cow, Horse, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 137kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human DIAPH3:801-900/1193

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ˚C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20˚C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ˚C.

PubMed： PubMed

产品介绍： This gene encodes a member of the diaphanous subfamily of the formin family. Members of this family are involved in actin remodeling and regulate cell movement and adhesion. Mutations in this gene are associated with autosomal dominant auditory neuropathy 1. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

Function:

Binds to GTP-bound form of Rho and to profilin. Acts in a Rho-dependent manner to recruit profilin to the membrane, where it promotes actin polymerization. It is required for cytokinesis, stress fiber formation, and transcriptional activation of the serum response factor. DFR proteins couple Rho and Src tyrosine kinase during signaling and the regulation of actin dynamics.

Similarity:

Belongs to the formin homology family. Diaphanous subfamily.

Contains 1 DAD (diaphanous autoregulatory) domain.

Contains 1 FH1 (formin homology 1) domain.

Contains 1 FH2 (formin homology 2) domain.

Contains 1 GBD/FH3 (Rho GTPase-binding/formin homology 3) domain.

SWISS:

Q9NSV4

Gene ID:

81624

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片