胚胎干细胞相关蛋白 TXNDC9 抗体

产品货号： mlR9429

英文名称： TXNDC9

中文名称： 胚胎干细胞相关蛋白 TXNDC9 抗体

别　　名： Thioredoxin domain containing 9; APACD; ATP binding protein associated with cell differentiation; ATP-binding protein associated with cell differentiation; ES cell related protein; PHLP3; Phosducin like protein 3; Protein 1 4; Protein 1-4; Thioredoxin domain containing 9; Thioredoxin domain containing protein 9; Thioredoxin domain-containing protein 9; TXND9_HUMAN; TXNDC9; TXNDC9 protein.

研究领域： 细胞生物　免疫学　干细胞　细胞分化

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 26kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human TXNDC9:151-226/226

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 癈 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 癈. 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 癈.

PubMed： **PubMed**

产品介绍 ： Thioredoxins comprise a family of small proteins that, by catalyzing the oxidation of disulfide bonds, participate in redox reactions throughout the cell. Proteins that contain thioredoxin domains do not necessarily convey the oxidative properties of thioredoxins, but generally function as disulfide isomerases that enzymatically rearrange disulfide bonds found in various proteins. TXNDC9 (thioredoxin domain-containing protein 9), also known as APACD (ATP-binding protein associated with cell differentiation), is a 226 amino acid protein that contains one thioredoxin domain and may be involved in cell differentiation events. The gene encoding TXNDC9 maps to human chromosome 2, which houses over 1,400 genes and comprises nearly 8% of the human genome. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene, while the lipid metabolic disorder sitosterolemia is associated with defects in the ABCG5 and ABCG8 genes. Additionally, an extremely rare recessive genetic disorder, Alstr鳇 syndrome, is caused by mutations in the ALMS1 gene, which maps to chromosome 2.

Subunit:

Forms ternary complexes with the chaperonin TCP1 complex, spanning the cylindrical chaperonin cavity and contacting at least 2 subunits.

Similarity:

Contains 1 thioredoxin domain.

SWISS:

O14530

Gene ID:

10190

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