1 号染色体开放阅读框 80 抗体

产品货号： mlR-9802

英文名称： C1orf80

中文名称： 1 号染色体开放阅读框 80 抗体

别　名： dorsalization-associated protein; AIDA; AIDA_HUMAN; Axin interaction partner and dorsalization antagonist; Axin interactor; Axin interactor, dorsalization associated; Chromosome 1 open reading frame 80; UPF0491 protein C1orf80.

研究领域： 细胞生物　发育生物学　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

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

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 IEM=1:20-200 IGS=1:20-200 GICA=1:20-200 （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： 35kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

mlbio 酶联生物
Good elisakit producers

免 疫 原： KLH conjugated synthetic peptide derived from human C1orf180/AIDA:221-320/306

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： AIDA, also known as C1orf80, is a 306 amino acid protein that belongs to the axin interactor family. Expressed in a variety of tissues, including skeletal muscle and heart, AIDA functions as a ventralizing factor during embryogenesis, disrupting Axin homodimerization and inhibiting Axin-mediated JNK activation. Axin, a scaffold protein, is important for both JNK signaling and the canonical Wnt pathway, two processes that play an essential role in embryonic dorsoventral patterning. Disruption of Axin by AIDA results in the negative regulation of JNK and Wnt signaling, thereby affecting embryonic developmental events. Three isoforms of AIDA exist due to alternative splicing events.

Function:

Acts as a ventralizing factor during embryogenesis. Inhibits axin-mediated JNK activation by binding axin and disrupting axin homodimerization. This in turn antagonizes a Wnt/beta-catenin-independent dorsalization pathway activated by AXIN/JNK-signaling (By similarity).

Subunit:

Interacts with AXIN1 (By similarity).

Tissue Specificity:

Widely expressed in adult tissues, with highest expression in the heart and skeletal muscle.

Similarity:

Belongs to the AIDA family.

SWISS:

Q96BJ3

Gene ID:

64853

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