

半胱氨酸蛋白酶蛋白-13 抗体

产品货号： mlR0053

英文名称： Caspase-13 + 4

中文名称： 半胱氨酸蛋白酶蛋白-13 抗体

别 名： CASP-13; CASP4; Caspase 13 subunit 1; Caspase 13 subunit 2; Caspase 4; Caspase 4 subunit 1; Caspase 4, apoptosis related cysteine; CASPD_BOVIN; Caspase-13; Evolutionary related interleukin-1-beta-converting enzyme; ERICE.

研究领域： 细胞生物 细胞凋亡

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Cow,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 43kDa

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 bovine Caspase-13:71-130/377

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： Caspase-13 (also designated Evolutionarily related interleukin-1beta converting enzyme ; ERICE) involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival. [subunit] Heterodimer of a small and a large subunit. The two subunits are derived from the precursor sequence by an autocatalytic mechanism or by cleavage by Caspase-8. Mainly expressed in peripheral blood lymphocytes, spleen and placenta. Belongs to peptidase family C14.

Function:

Involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival.

Subunit:

Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a small and a large subunit.

Tissue Specificity:

Mainly expressed in peripheral blood lymphocytes, spleen and placenta.

Similarity:

Belongs to the peptidase C14A family.

Contains 1 CARD domain.

SWISS:

O75601

Gene ID:

338039

Important Note:

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

Caspase-13 (也称 Evolutionarily related interleukin-1beta convertingenzyme; ERICE) 参与活化 Caspase 级联反应，实施调亡。

它既能激活某些蛋白质,细胞死亡所必需的蛋白质；又能使某些蛋白质失活以使细胞能够存活。它的异原二聚体构成大、小两种亚单位，这两种亚单位来源于前体序列由一个自动催化机制而形成或由 Caspase-8 剪切而成。

Caspase-13 主要表达于外周淋巴细胞、脾脏和胎盘。属于肽酶家族 C14 成员。