哺乳动物酸性几丁质酶抗体

产品货号： mlR13900

英文名称： AMCase

中文名称： 哺乳动物酸性几丁质酶抗体

别　　名： CHIA; Acidic mammalian chitinase [Precursor]; CHIT2; chitinase, acidic; DKFZp313J1722; ECF L; RP5 1125M8.1; TSA1902.

研究领域： 细胞生物　免疫学　信号转导　生长因子和激素

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Zebrafish, 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： 50kDa

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 CHIA:201-300/476

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： The protein encoded by this gene degrades chitin, which is found in the cell wall of most fungi as well as in arthropods and some nematodes. The encoded protein can also stimulate interleukin 13 expression, and variations in this gene can lead to asthma susceptibility. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

Function:

CHIA degrades chitin and chitotriose. May participate in the defense against nematodes and other pathogens. There are 3 named isoforms produced by alternative splicing. CHIA is induced via a T helper-2 (Th2)-specific, interleukin-13-mediated pathway in epithelial cells and macrophages. CHIA may be an important mediator of IL13-induced responses in Th2-dominated disorders such as asthma. CHIA hydrolysis N-acetyl-beta-D-glucosaminide 1,4-beta-linkages in chitin and chitodextrins.

Subcellular Location:

Isoform 1: Secreted Isoforms 2 and 3: Cytoplasmic

SWISS:

Q9BZP6

Gene ID:

27159

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