

肥大细胞蛋白酶 7 样蛋白抗体

产品货号： mlR2725

英文名称： Mast Cell Tryptase

中文名称： 肥大细胞蛋白酶 7 样蛋白抗体

别名： Tryptase delta; Delta-tryptase; HmMCP-3-like tryptase III; Mast cell mMCP-7-like; Tryptase-3; TPSD1; MCP7L1; MMCP-7L; MCP7-LIKE; EC 3.4.21.59; MGC95428; TRYD; Tryptase3; alpha II; EC 3.4.21.59; Lung tryptase; Mast cell alpha II tryptase; Mast cell beta I tryptase; Mast cell protease 7; Mast cell protease II; MCP 7; MMCP 7; Pituitary tryptase; Skin tryptase; TPS 1; TPS1; TPS2; TPSAB1; TPSAB1 protein; TPSB1; Tryptase 1; Tryptase alpha 1; tryptase alpha I included; Tryptase alpha II; tryptase alpha II included; tryptase alpha included; tryptase alpha/beta 1; Tryptase beta 1; tryptase beta I included; Tryptase I; tryptase I included; Tryptase III; Tryptase skin; Tryptase beta-2; TRYB1_HUMAN; TRYB2_HUMAN; TRYD_HUMAN.

研究领域： 细胞生物 免疫学 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 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： 23kDa

细胞定位： 分泌型蛋白

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human TPSD1:171-242/242

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 : Trypsases comprise a family of trypsin-like serine proteases, the peptidase family S1. Trypsases are enzymatically active only as heparin-stabilized tetramers, and they are resistant to all known endogenous proteinase inhibitors. Several trypsin genes are clustered on chromosome 16p13.3. These genes are characterized by several distinct features. They have a highly conserved 3' UTR and contain tandem repeat sequences at the 5' flank and 3' UTR which are thought to play a role in regulation of the mRNA stability. Although this gene may be an exception, most of the trypsin genes have an intron immediately upstream of the initiator Met codon, which separates the site of transcription initiation from protein coding sequence. This feature is characteristic of trypsinases but is unusual in other genes. Trypsases have been implicated as mediators in the pathogenesis of asthma and other allergic and inflammatory disorders. This gene was once considered to be a pseudogene, although it is now believed to be a functional gene that encodes a protein. [provided by RefSeq, Jul 2008]

Function:

Trypsin is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type.

Subunit:

Homotetramer.

Subcellular Location:

Secreted. Note=Released from the secretory granules upon mast cell activation.

Tissue Specificity:

Expressed in colon, lung, heart and synovial tissue. May be specific to mast cells.

Similarity:

Belongs to the peptidase S1 family. Tryptase subfamily.

Contains 1 peptidase S1 domain.

SWISS:

Q15661

Gene ID:

7177

Important Note:

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