

产品名称: Tryptase-3 Rabbit Polyclonal Antibody
产品货号: APRab19346



产品概述 (Summary)

产品名称 (Production Name)	Tryptase-3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TPSD1
别名 (Alternative Names)	Tryptase delta (EC 3.4.21.59) (Delta-tryptase) (HmMCP-3-like tryptase III) (Mast cell mMCP-7-like) (Tryptase-3)
基因 ID (Gene ID)	23430.0
蛋白 ID (SwissProt ID)	Q9BZJ3.Synthesized peptide derived from Tryptase-3 at AA range: 51-100

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	26kDa

研究背景 (Background)

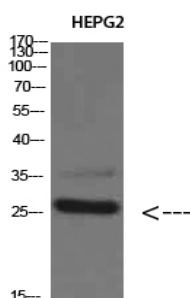
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tryptase delta 1(TPSD1) Homo sapiens Tryptases comprise a family of trypsin-like serine proteases, the peptidase family S1. Tryptases are enzymatically active only as heparin-stabilized tetramers, and they are resistant to all known endogenous proteinase inhibitors. Several tryptase 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 tryptase 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 tryptases but is unusual in other genes. Tryptases have been implicated as mediators in the pathogenesis of asthma and other allergic and catalytic activity: Preferential cleavage: Arg-Xaa, Lys-Xaa, but with more restricted specificity than trypsin., caution: Although PubMed:11174199 reported this as a pseudogene, PubMed:12391231 showed it is expressed and has proteolytic activity when expressed in bacterial cells., function: Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type., similarity: Belongs to the peptidase S1 family. Tryptase subfamily., similarity: Contains 1 peptidase S1 domain., subcellular location: Released from the secretory granules upon mast cell activation., subunit: Homotetramer., tissue specificity: Expressed in colon, lung, heart and synovial tissue. May be specific to mast cells.,

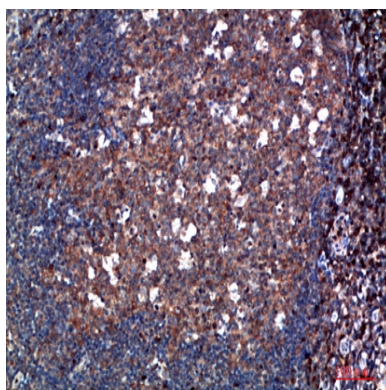
研究领域 (Research Area)

图片 (Image Data)

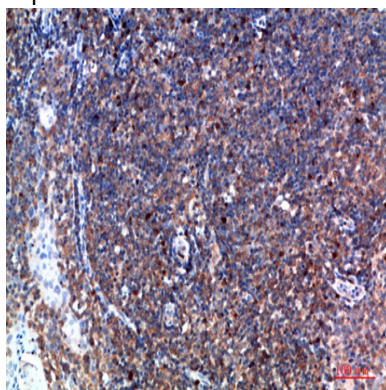


Western Blot analysis of HEPG2 cells using Tryptase-3 Polyclonal Antibody diluted at 1:800. Secondary antibody was diluted at 1:20000

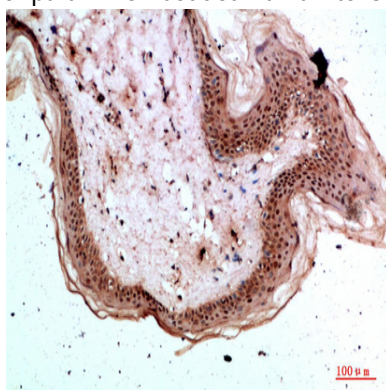
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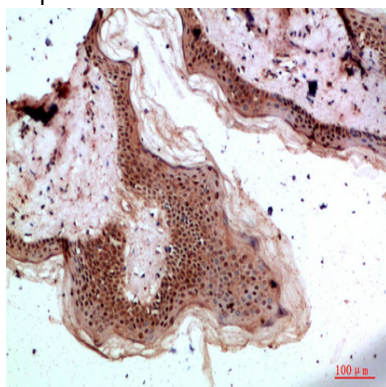
Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:200



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Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:200

注意事项 (Note)

For research use only .