

产品名称: Matriptase Rabbit Polyclonal Antibody
产品货号: AP Rab13672



产品概述 (Summary)

产品名称 (Production Name)	Matriptase Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, 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)	ST14 ST14; PRSS14; SNC19; TADG15; Suppressor of tumorigenicity 14 protein;
别名 (Alternative Names)	Matriptase; Membrane-type serine protease 1; MT-SP1; Prostamin; Serine protease 14; Serine protease TADG-15; Tumor-associated differentially-expressed gene 15 protein
基因 ID (Gene ID)	6768.0
蛋白 ID (SwissProt ID)	Q9Y5Y6. The antiserum was produced against synthesized peptide derived from human ST14. AA range:10-59

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
----------------------	--

产品名称: Matriptase Rabbit Polyclonal Antibody
产品货号: AP Rab13672



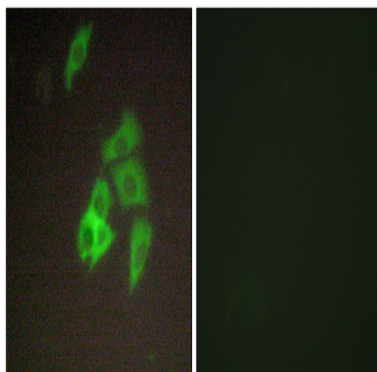
蛋白分子量 (Molecular Weight) 95kDa

研究背景 (Background)

The protein encoded by this gene is an epithelial-derived, integral membrane serine protease. This protease forms a complex with the Kunitz-type serine protease inhibitor, HAI-1, and is found to be activated by sphingosine 1-phosphate. This protease has been shown to cleave and activate hepatocyte growth factor/scattering factor, and urokinase plasminogen activator, which suggest the function of this protease as an epithelial membrane activator for other proteases and latent growth factors. The expression of this protease has been associated with breast, colon, prostate, and ovarian tumors, which implicates its role in cancer invasion, and metastasis. [provided by RefSeq, Jul 2008], catalytic activity: Cleaves various synthetic substrates with Arg or Lys at the P1 position and prefers small side-chain amino acids, such as Ala and Gly, at the P2 position., disease: Defects in ST14 are a cause of ichthyosis autosomal recessive with hypotrichosis (ARIH) [MIM:610765]. ARIH is a skin disorder characterized by congenital ichthyosis associated with the presence of less than the normal amount of hair., function: Degrades extracellular matrix. Proposed to play a role in breast cancer invasion and metastasis. Exhibits trypsin-like activity as defined by cleavage of synthetic substrates with Arg or Lys as the P1 site., similarity: Belongs to the peptidase S1 family., similarity: Contains 1 peptidase S1 domain., similarity: Contains 2 CUB domains., similarity: Contains 4 LDL-receptor class A domains., subunit: Interacts with CDCP1. May interact with TMEFF1.,

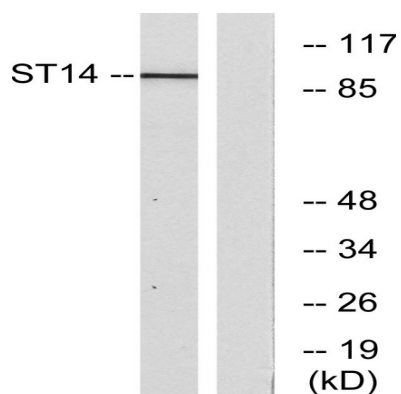
研究领域 (Research Area)

图片 (Image Data)

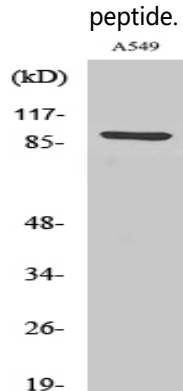


Immunofluorescence analysis of A549 cells, using ST14 Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: Matriptase Rabbit Polyclonal Antibody
产品货号: APRab13672



Western blot analysis of lysates from A549 cells, using ST14 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Matriptase Polyclonal Antibody

注意事项 (Note)

For research use only .