

产品名称: CD10 Rabbit Polyclonal Antibody
产品货号: APRab08179



产品概述 (Summary)

产品名称 (Production Name)	CD10 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	MME MME; EPN; Neprilysin; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; Enkephalinase; Neutral endopeptidase 24.11; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD10
别名 (Alternative Names)	
基因 ID (Gene ID)	4311.0
蛋白 ID (SwissProt ID)	P08473.The antiserum was produced against synthesized peptide derived from the Internal region of human MME. AA range:491-540

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	85kDa

产品名称: CD10 Rabbit Polyclonal Antibody
产品货号: APRab08179



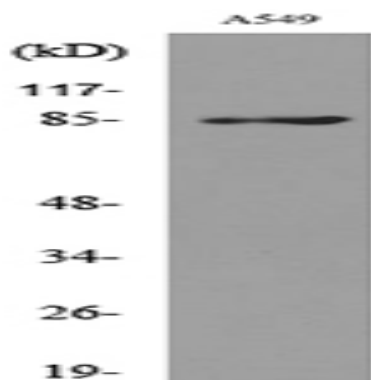
研究背景 (Background)

This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untranslated region of this catalytic activity: Preferential cleavage of polypeptides between hydrophobic residues, particularly with Phe or Tyr at P1', cofactor: Binds 1 zinc ion per subunit., disease: Important cell surface marker in the diagnostic of human acute lymphocytic leukemia., enzyme regulation: Inhibited in a dose dependent manner by opiorphin., function: Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids. Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond. Involved in the degradation of atrial natriuretic factor (ANF), similarity: Belongs to the peptidase M13 family.,

研究领域 (Research Area)

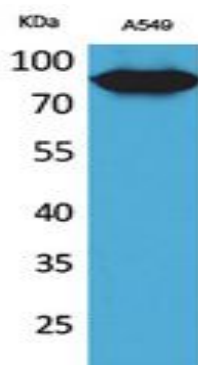
Renin-angiotensin system; Hematopoietic cell lineage; Alzheimer's disease;

图片 (Image Data)

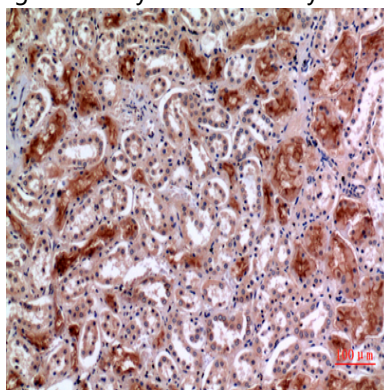


Western blot analysis of lysate from A549 cells, using MME Antibody.

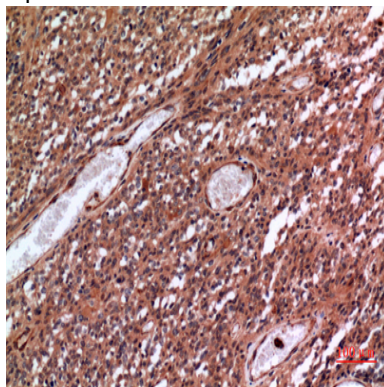
产品名称: CD10 Rabbit Polyclonal Antibody
产品货号: APRab08179



Western Blot analysis of A549 cells using CD10 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

注意事项 (Note)

For research use only .