

产品名称: CPZ Rabbit Polyclonal Antibody
产品货号: APRab09339



产品概述 (Summary)

产品名称 (Production Name)	CPZ 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

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)	CPZ
别名 (Alternative Names)	CPZ; Carboxypeptidase Z; CPZ
基因 ID (Gene ID)	8532.0
蛋白 ID (SwissProt ID)	Q66K79.Synthesized peptide derived from CPZ . at AA range: 330-410

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	73kDa

研究背景 (Background)

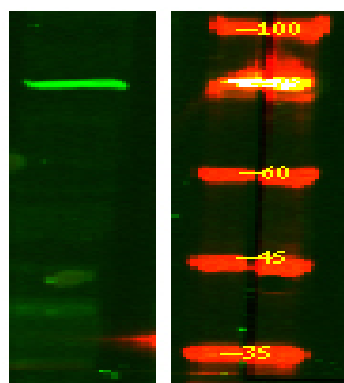
carboxypeptidase Z(CPZ) Homo sapiens This gene encodes a member of the metallocarboxypeptidase family. This

产品名称: CPZ Rabbit Polyclonal Antibody
产品货号: APRab09339

enzyme displays carboxypeptidase activity towards substrates with basic C-terminal residues. It is most active at neutral pH and is inhibited by active site-directed inhibitors of metallo-carboxypeptidases. Alternative splicing in the coding region results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008], cofactor: Binds 1 zinc ion per subunit, enzyme regulation: Inhibited by 2-mercaptomethyl-3-guanidinoethylthiopropionic acid (MGTA) and guanidinoethylmercaptosuccinic acid (GEMSA). Inhibited by chelating agents such as EDTA and EGTA, function: Cleaves substrates with C-terminal arginine residues. Probably modulates the Wnt signaling pathway, by cleaving some undefined protein. May play a role in cleavage during prohormone processing, similarity: Belongs to the peptidase M14 family, similarity: Contains 1 FZ (frizzled) domain, tissue specificity: In placenta, it is present within invasive trophoblasts and in the surrounding extracellular space. Also present in amnion cells, but is not readily apparent in the extracellular matrix of this cell type. Present in normal pituitary gland and neoplastic pituitary gland (especially POMC-, GH- and PRL-producing adenomas) (at protein level). Widely expressed,.

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of HEK293 lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

注意事项 (Note)

For research use only .