

产品名称: HDC Rabbit Polyclonal Antibody
产品货号: APRab11956



产品概述 (Summary)

产品名称 (Production Name)	HDC 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)	HDC
别名 (Alternative Names)	HDC; Histidine decarboxylase; HDC
基因 ID (Gene ID)	3067.0
蛋白 ID (SwissProt ID)	P19113.The antiserum was produced against synthesized peptide derived from the Internal region of human HDC. AA range:201-250

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)	72kDa

研究背景 (Background)

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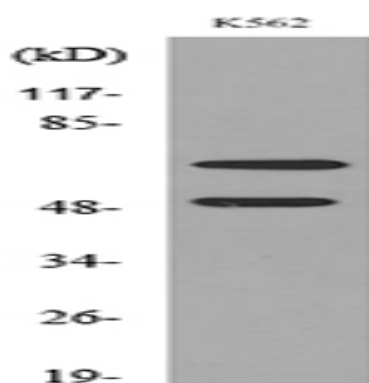


This gene encodes a member of the group II decarboxylase family and forms a homodimer that converts L-histidine to histamine in a pyridoxal phosphate dependent manner. Histamine regulates several physiologic processes, including neurotransmission, gastric acid secretion, inflammation, and smooth muscle tone.[provided by RefSeq, Aug 2010], catalytic activity: L-histidine = histamine + CO(2), cofactor: Pyridoxal phosphate, pathway: Amine and polyamine biosynthesis; histamine biosynthesis; histamine from L-histidine: step 1/1, similarity: Belongs to the group II decarboxylase family, subunit: Homodimer.

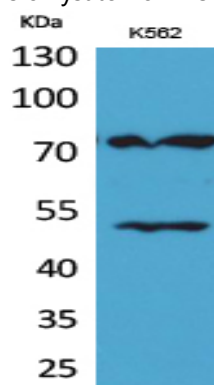
研究领域 (Research Area)

Histidine metabolism;

图片 (Image Data)

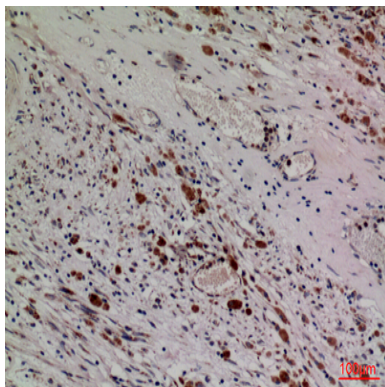


Western blot analysis of lysate from K562 cells, using HDC Antibody.

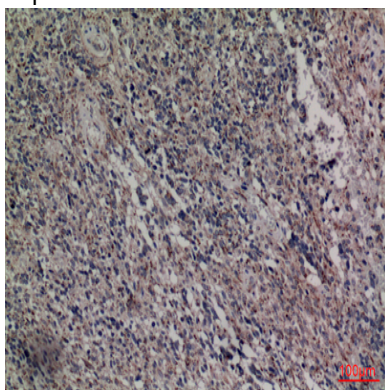


Western Blot analysis of K562 cells using HDC Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

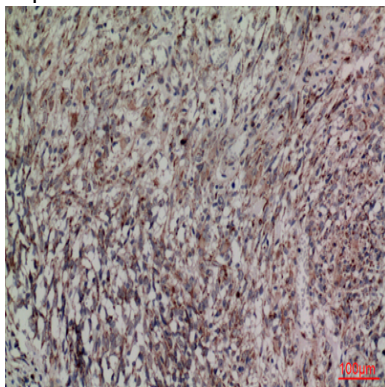
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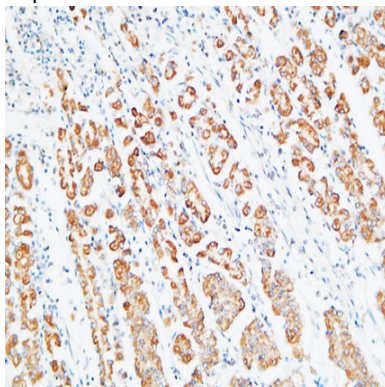
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



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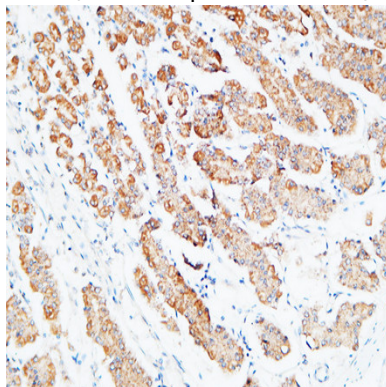
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



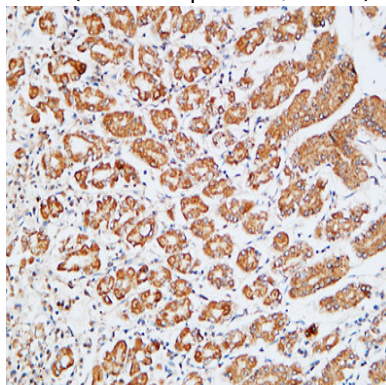
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Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



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注意事项 (Note)

For research use only .