

## HDC Polyclonal Antibody

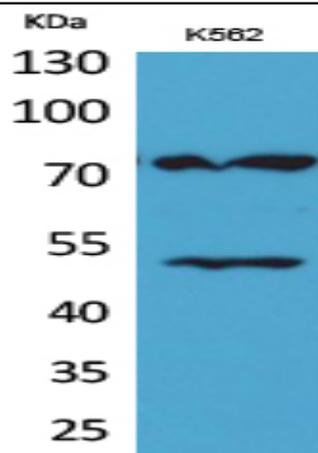
<b>Catalog No :</b>	YT5225
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	HDC
<b>Fields :</b>	>>Histidine metabolism;>>Metabolic pathways
<b>Gene Name :</b>	HDC
<b>Protein Name :</b>	Histidine decarboxylase
<b>Human Gene Id :</b>	3067
<b>Human Swiss Prot No :</b>	P19113
<b>Mouse Gene Id :</b>	15186
<b>Mouse Swiss Prot No :</b>	P23738
<b>Rat Swiss Prot No :</b>	P16453
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human HDC. AA range:201-250
<b>Specificity :</b>	HDC Polyclonal Antibody detects endogenous levels of HDC protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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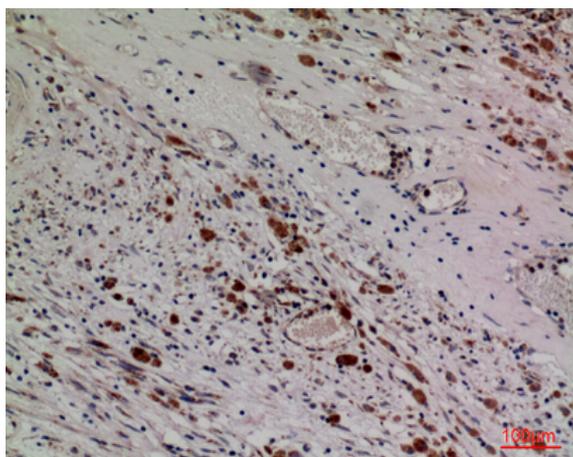
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	72kD
<b>Cell Pathway :</b>	Histidine metabolism;
<b>Background :</b>	This gene encodes a member of the group II decarboxylase family and forms a homodimer that converts L-histidine 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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	cytosol,
<b>Expression :</b>	Leukemia,
<b>Sort :</b>	7304
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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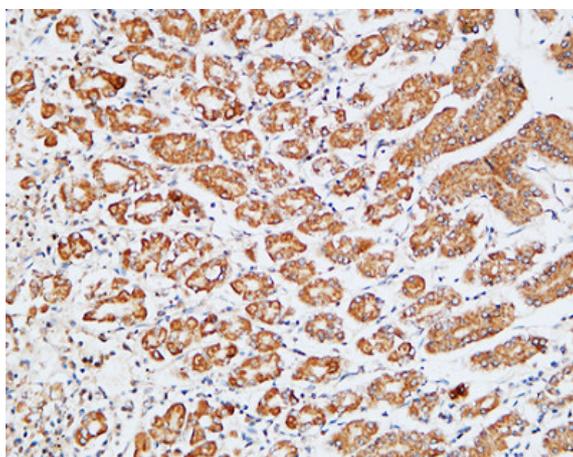
## Products Images



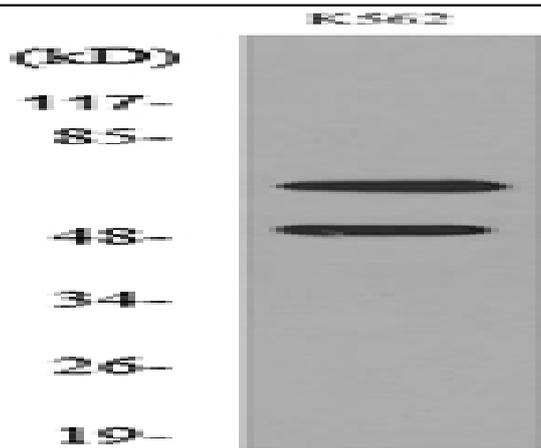
Western Blot analysis of K562 cells using HDC Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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



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).



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