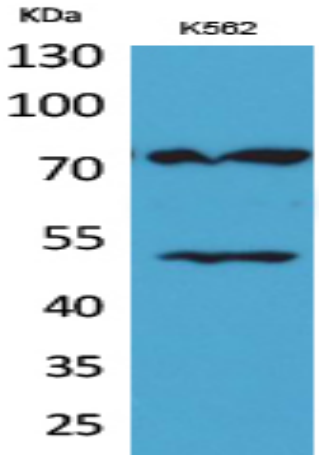
Best Tools for immunology Research

HDC Polyclonal Antibody

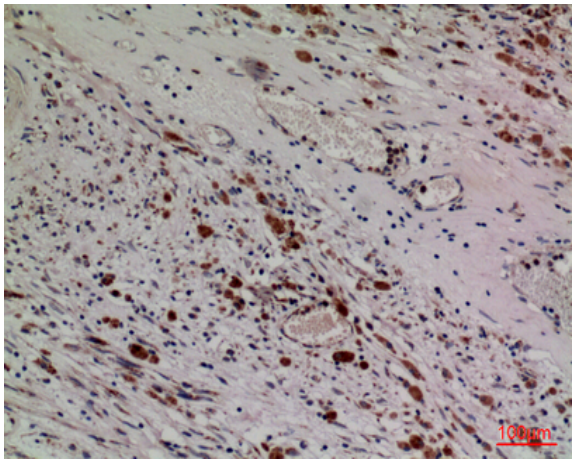
Catalog No :	YT5225
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	HDC
Fields :	>>Histidine metabolism;>>Metabolic pathways
Gene Name :	HDC
Protein Name :	Histidine decarboxylase
Human Gene Id :	3067
Human Swiss Prot No :	P19113
Mouse Gene Id :	15186
Mouse Swiss Prot No :	P23738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

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	72kD
Cell Pathway :	Histidine metabolism;
Background :	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,inflamation, and smooth muscle tone.[provided by RefSeq, Aug 2010],
Function :	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.,
Subcellular Location :	cytosol,
Expression :	Leukemia,
Sort :	7304
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

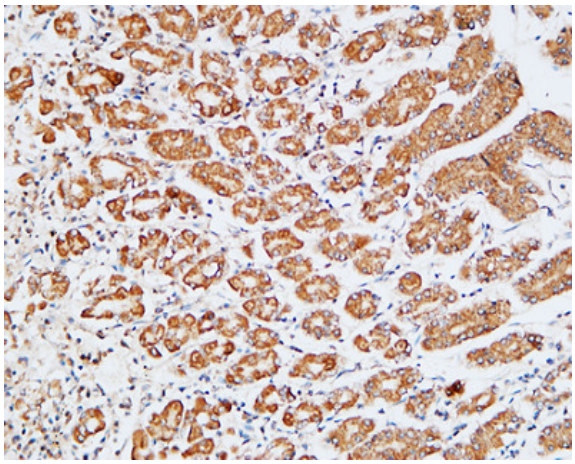
Products Images



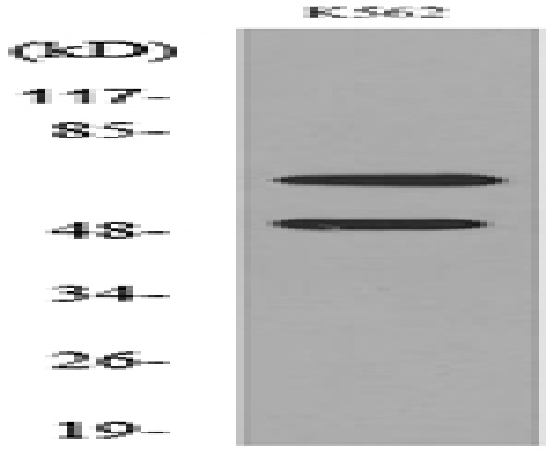
Western Blot analysis of K562 cells using HDC Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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.