

HDC Rabbit pAb

CatalogNo: YT5225

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 72kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-300

ELISA 1:20000

IF 1:50-200

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human HDC. AA range: 201-250

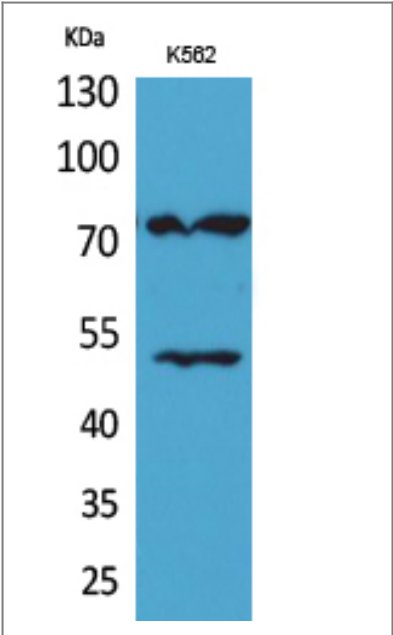
Specificity

HDC Polyclonal Antibody detects endogenous levels of HDC protein.

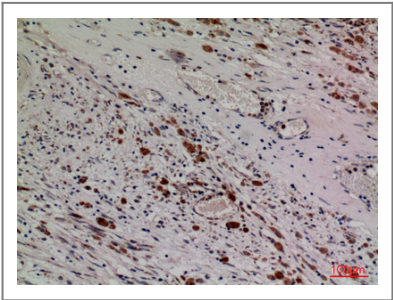
| Target Information

Gene name	HDC		
Protein Name	Histidine decarboxylase		
	Organism	Gene ID	UniProt ID
	Human	3067 ;	P19113 ;
	Mouse	15186 ;	P23738 ;
	Rat		P16453 ;
Cellular Localization	cytosol,		
Tissue specificity	Leukemia,		
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.,		

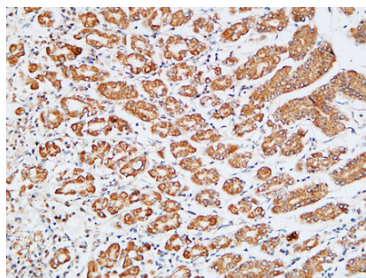
Validation Data



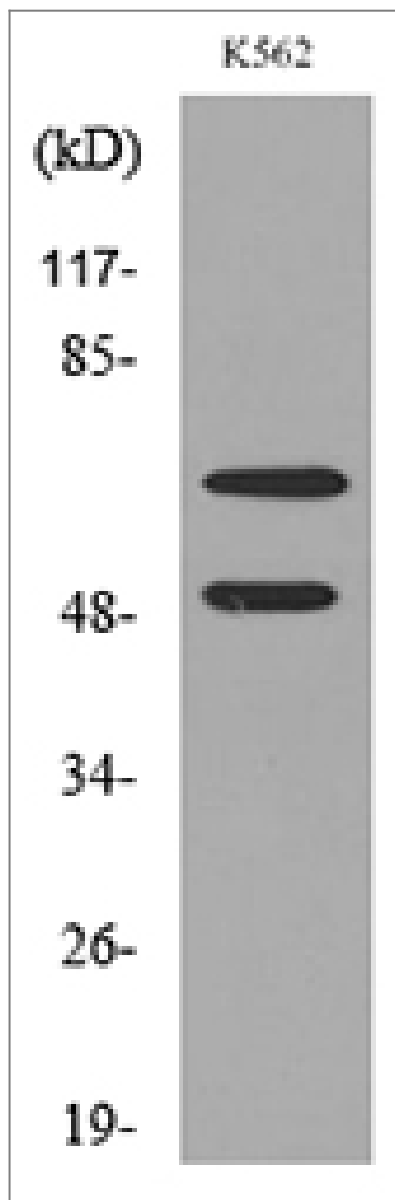
Western Blot analysis of K562 cells using HDC Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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.

Contact information

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HDC Rabbit pAb

