

# HAL Rabbit pAb

Catalog No.: A13021 **1 Publications**

## Basic Information

### Observed MW

73kDa

### Calculated MW

73kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Histidine ammonia-lyase is a cytosolic enzyme catalyzing the first reaction in histidine catabolism, the nonoxidative deamination of L-histidine to trans-urocanic acid. Histidine ammonia-lyase defects cause histidinemia which is characterized by increased histidine and histamine and decreased urocanic acid in body fluids. Several transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC-P</b>	1:50 - 1:100
<b>IF/ICC</b>	1:50 - 1:100

## Immunogen Information

### Gene ID

3034

### Swiss Prot

P42357

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human HAL (NP\_002099.1).

### Synonyms

HIS; HSTD; HAL

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

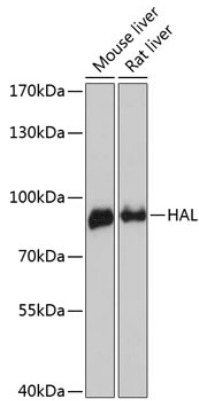
Affinity purification

### Storage

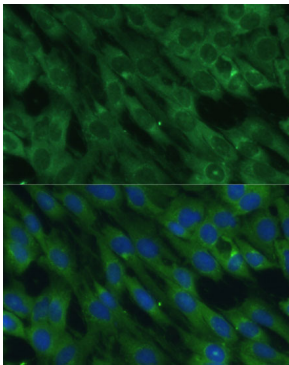
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

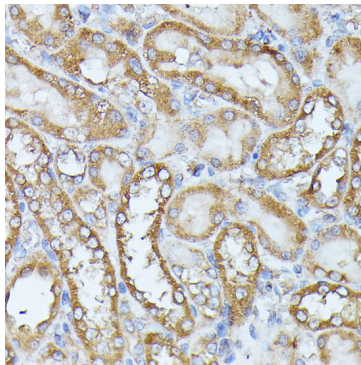
## Validation Data



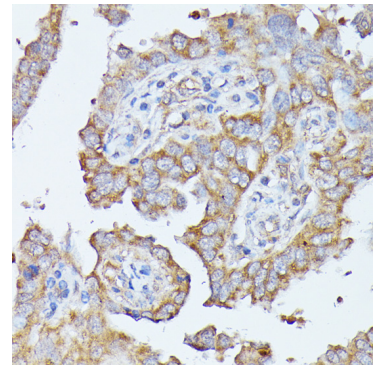
Western blot analysis of various lysates using HAL Rabbit pAb (A13021) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



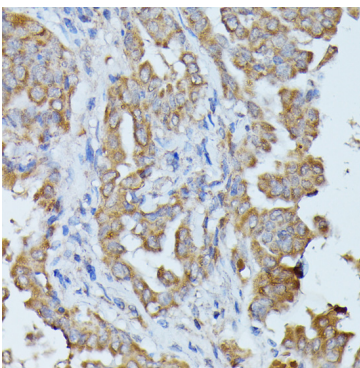
Immunofluorescence analysis of C6 cells using HAL Rabbit pAb (A13021) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



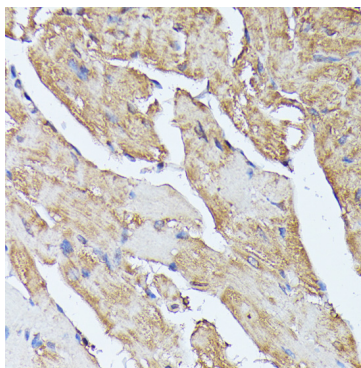
Immunohistochemistry analysis of paraffin-embedded rat kidney using HAL Rabbit pAb (A13021) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using HAL Rabbit pAb (A13021) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human thyroid cancer using HAL Rabbit pAb (A13021) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse heart using HAL Rabbit pAb (A13021) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.