

## ARG59648 anti-HAL / Histidase antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HAL / Histidase
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Pig, Rb, Zfsh
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HAL / Histidase
Species	Human
Immunogen	Synthetic peptide around the N-terminal region of Human HAL. (within the following region: INKLQELQVNLVRSHSSGVGKPLSPERCRLMLLALRINVLAKGYSGISLET)
Conjugation	Un-conjugated
Alternate Names	EC 4.3.1.3; HIS; Histidase; Histidine ammonia-lyase; HSTD

### Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Mouse: 100%; Pig: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%						
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>IHC-P</td><td>1.25 µg/ml</td></tr> <tr> <td>WB</td><td>1 µg/ml</td></tr> </table>	Application	Dilution	IHC-P	1.25 µg/ml	WB	1 µg/ml
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IHC-P	1.25 µg/ml						
WB	1 µg/ml						
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

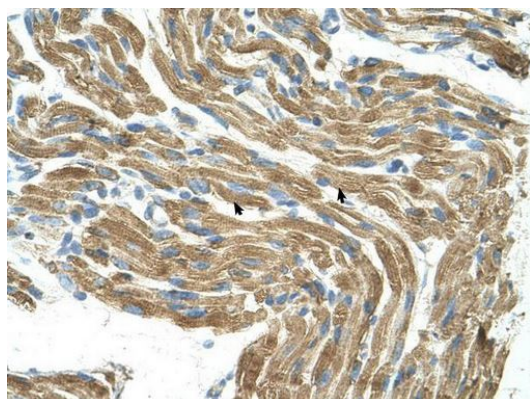
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

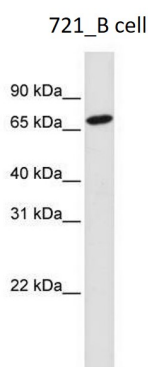
Gene Symbol	HAL
Gene Full Name	histidine ammonia-lyase
Background	Histidine ammonia-lyase is a cytosolic enzyme catalyzing the first reaction in histidine catabolism, the nonoxidative deamination of L-histidine to trans-urocanic acid. Histidine ammonia-lyase defects cause histidinemia which is characterized by increased histidine and histamine and decreased urocanic acid in body fluids. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
Calculated Mw	73 kDa
PTM	Contains an active site 4-methylidene-imidazol-5-one (MIO), which is formed autocatalytically by cyclization and dehydration of residues Ala-Ser-Gly. [UniProt]

## Images



ARG59648 anti-HAL / Histidase antibody IHC-P image

Immunohistochemistry: Paraffin-embedded fetal liver tissue stained with ARG59648 anti-HAL / Histidase antibody at 1.25 µg/ml dilution.



ARG59648 anti-HAL / Histidase antibody WB image

Western blot: 721\_B cell lysate stained with ARG59648 anti-HAL / Histidase antibody at 1 µg/ml dilution.