

Datasheet for ABIN2782321 anti-HAL antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	HAL
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HAL
Sequence:	EAAHRLLEQ KVWEVAAPYI EKYRMEHIPE SRPLSPTAFS LQFLHKKSTK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against HAL. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	HAL
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Target Details

Alternative Name:	HAL (HAL Products)
Background:	<p>HAL is a cytosolic enzyme catalyzing the first reaction in histidine catabolism, the nonoxidative deamination of L-histidine to trans-urocanic acid. HAL defects cause histidinemia which is characterized by increased histidine and histamine and decreased urocanic acid in body fluids.</p> <p>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.</p> <p>Alias Symbols: HIS, HSTD</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 657</p>
Molecular Weight:	72 kDa
Gene ID:	3034
NCBI Accession:	NM_002108 , NP_002099
UniProt:	P42357

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 657 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

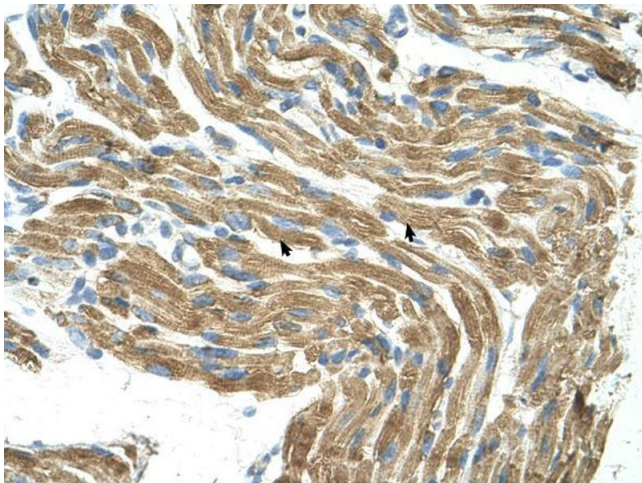
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

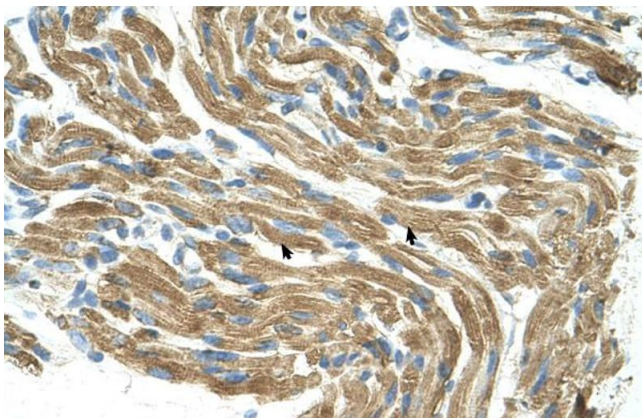
Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Images



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human Muscle



Western Blotting

Image 3. WB Suggested Anti-HAL Antibody Titration: 1.25 ug/ml Positive Control: Fetal liver cell lysate