

Datasheet for ABIN629752
anti-HAL antibody (C-Term)



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3 Images

Overview

Quantity:	100 µg
Target:	HAL
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	HAL antibody was raised using the C terminal of HAL corresponding to a region with amino acids EAAHRLLEQKVWEVAAPYIEKYRMEHIPESRPLSPTAFSLQFLHKKSTK
Specificity:	HAL antibody was raised against the C terminal of HAL
Purification:	Purified

Target Details

Target:	HAL
Alternative Name:	HAL (HAL Products)
Background:	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

Target Details

fluidsHistidine 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.

Molecular Weight: 72 kDa (MW of target protein)

Application Details

Application Notes: WB: 1.25 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: HAL Blocking Peptide, catalog no. 33R-2249, is also available for use as a blocking control in assays to test for specificity of this HAL antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HAL antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

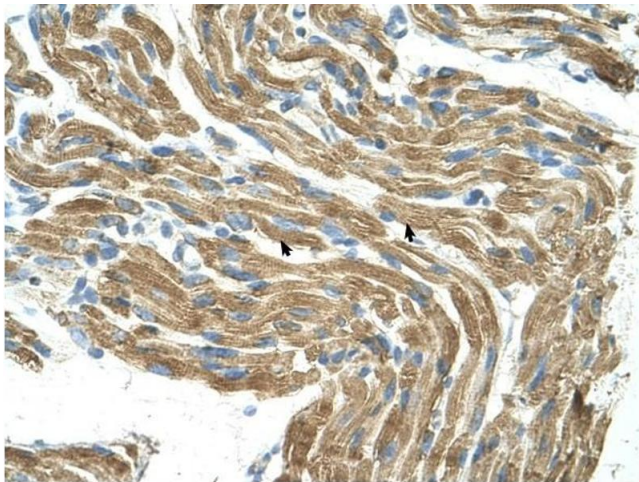
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



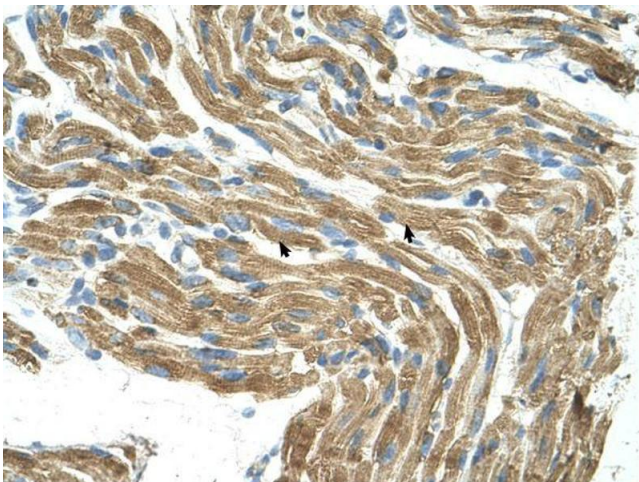
Western Blotting

Image 1. HAL antibody used at 1.25 ug/ml to detect target protein.



Immunohistochemistry

Image 2. HAL antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Skeletal muscle cells (arrows) in Human Muscle. Magnification is at 400X



Immunohistochemistry

Image 3. HAL antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X