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Datasheet for ABIN7147830  
**anti-BHLHA15 antibody (AA 2-72) (Biotin)**

### Overview

Quantity:	100 µg
Target:	BHLHA15
Binding Specificity:	AA 2-72
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHLHA15 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Class A basic helix-loop-helix protein 15 protein (2-72AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	BHLHA15
Alternative Name:	BHLHA15 ( <a href="#">BHLHA15 Products</a> )
Background:	Background: Plays a role in controlling the transcriptional activity of MYOD1, ensuring that expanding myoblast populations remain undifferentiated. Repression may occur through

## Target Details

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muscle-specific E-box occupancy by homodimers. May also negatively regulate bHLH-mediated transcription through an N-terminal repressor domain. Serves as a key regulator of acinar cell function, stability, and identity. Also required for normal organelle localization in exocrine cells and for mitochondrial calcium ion transport. May function as a unique regulator of gene expression in several different embryonic and postnatal cell lineages. Binds to the E-box consensus sequence 5\'-CANNTG-3\' (By similarity).

Aliases: Basic helix loop helix domain containing class B 8 antibody, Basic helix loop helix family member a15 antibody, BHA15\_HUMAN antibody, Bhlha15 antibody, bHLHB8 antibody, Class A basic helix-loop-helix protein 15 antibody, Class B basic helix-loop-helix protein 8 antibody, Class II bHLH protein MIST1 antibody, intestine and stomach expression 1 antibody, MIST 1 antibody, MIST-1 antibody, MIST1 antibody, Muscle antibody, Muscle intestine and stomach expression 1 antibody, protein MIST1 antibody

UniProt: [Q7RTS1](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.