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Datasheet for ABIN7147829
anti-BHLHA15 antibody (AA 2-72)

1 Image

Overview

Quantity:	100 µg
Target:	BHLHA15
Binding Specificity:	AA 2-72
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHLHA15 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

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 (BHLHA15 Products)
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

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

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

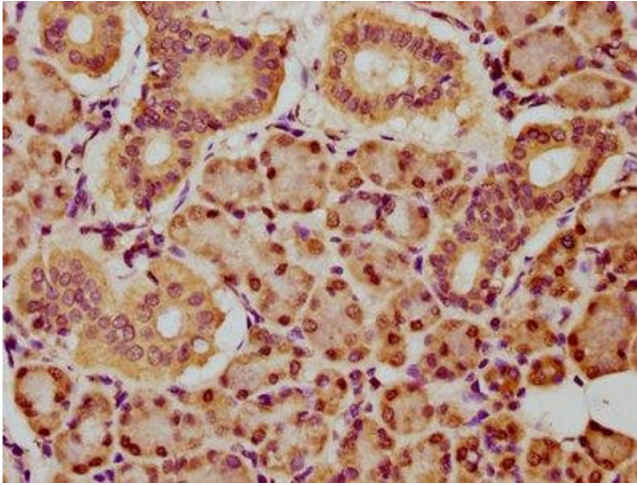
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



Immunohistochemistry

Image 1. IHC image of ABIN7147829 diluted at 1:150 and staining in paraffin-embedded human pancreatic tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.