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Datasheet for ABIN7111941 anti-BHLHA15 antibody

Overview

Quantity:	100 µg
Target:	BHLHA15
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHLHA15 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	basic helix-loop-helix family, member a15
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	BHLHA15
Alternative Name:	BHLHA15 (BHLHA15 Products)
Background:	Synonyms: BHLHB8, MIST1 Background: Plays a role in controlling the transcriptional activity of MYOD1, ensuring that expanding myoblast populations remain undifferentiated. Repression may occur through muscle-specific E-box occupancy by homodimers. May also negatively regulate bHLH-mediated transcription through an N-terminal repressor domain. Serves as a key

Target Details

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).

Molecular Weight: 30 kDa

Gene ID: 168620

UniProt: [Q7RTS1](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:500-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months