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Datasheet for ABIN6992187
anti-BHLHA15 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	BHLHA15
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHLHA15 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	BHLHA15 antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human BHLHA15.
Isotype:	IgG
Purification:	BHLHA15 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BHLHA15
Alternative Name:	BHLHA15 (BHLHA15 Products)
Background:	BHLHA15 Antibody: BHLHA15 (basic helix-loop-helix protein 15), also known as MIST1 (muscle intestine and stomach expression 1) belongs to the bHLH family of transcription factors and plays a role in regulating the transcriptional activity of MYOD1 in muscle cell development as

Target Details

well as serving as a key regulator of acinar cell function (1,2). BHLHA15 contains a basic helix-loop-helix (bHLH) domain and is capable of binding to E-box motifs as a homodimer or a heterodimer with E-proteins. It may also negatively regulate bHLH-mediated transcription through a N-terminal repressor domain (3). It is expressed in mammary epithelial cells and is essential for the regulation of mammary gland development (4).

Molecular Weight: Predicted: 21 kDa

Observed: 22 kDa

Gene ID: 168620

NCBI Accession: [NP_803238](#)

UniProt: [Q7RTS1](#)

Application Details

Application Notes: BHLHA15 antibody can be used for Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: BHLHA15 Antibody is supplied in PBS containing 0.02 % sodium azide.

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, 4 °C

Storage Comment: BHLHA15 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.