

BHLHA15 antibody

Product Information

Catalog No.:	FNab00886
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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).

Immunogen information

Immunogen:	basic helix-loop-helix family, member a15
Synonyms:	Class A basic helix-loop-helix protein 15 (bHLHa15) Class B basic helix-loop-helix protein 8 (bHLHb8) Muscle, intestine and stomach expression 1 (MIST-1) BHLHA15 BHLHB8 MIST1
Observed MW:	30 kDa
Uniprot ID :	Q7RTS1

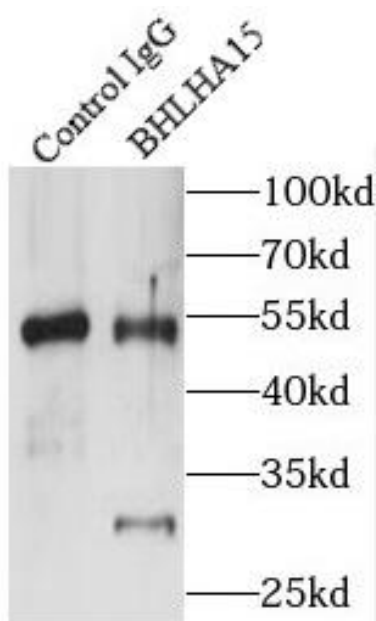
Application

Reactivity:	Human, Mouse, Rat
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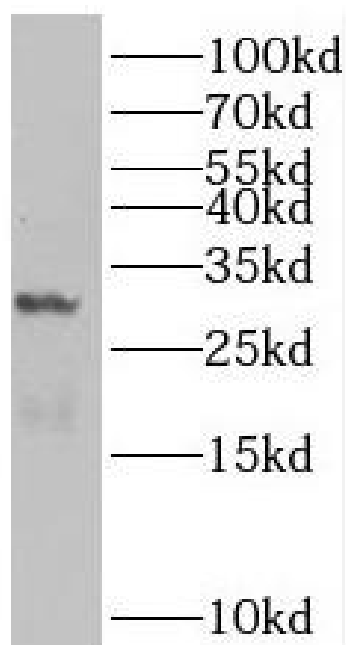
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:1000

Image:



IP Result of anti-BHLHA15 (IP:FNab00886, 3ug; Detection:FNab00886 1:300) with mouse liver tissue lysate 6800ug.



mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab00886(BHLHA15 Antibody) at dilution of 1:300