

兔抗 BHLHA15 多克隆抗体

中文名称：兔抗 BHLHA15 多克隆抗体

英文名称：Anti-BHLHA15 rabbit polyclonal antibody

别名：MIST1; BHLHB8

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：BHLHA15

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

MIST1 (muscle, intestine and stomach expression 1), also known as BHLHB8 (basic helix-loop-helix domain containing, class B, 8), is a 189 amino acid nuclear protein expressed in liver, brain, skeletal muscle and spleen. MIST1 contains a basic helix-loop-helix (bHLH) domain and belongs to the bHLH family of transcription factors. Members of this family bind to the E-box motifs present in the promoter or enhancer regions of a variety of developmentally regulated genes and function as either transcriptional activators or transcriptional repressors. MIST1 is capable of binding to E-box motifs as a homodimer or a heterodimer with E-proteins (E12 and E47) and is believed to play a role regulating the transcripti

	onal activity of MyoD, a protein involved in the regulation of muscle cell development. More specifically, MIST1 functions as a repressor of MyoD activity, ensuring that myoblast populations do not differentiate. In addition, MIST1 is expressed in mammary epithelial cells and is essential for the regulation of mammary gland development.
Applications:	ELISA, WB, IHC
Name of antibody:	BHLHA15
Immunogen:	Synthetic peptide of human BHLHA15
Full name:	basic helix-loop-helix family member a15
Synonyms:	MIST1; BHLHB8
SwissProt:	Q7RTS1
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human colorectal cancer
IHC Recommend dilution:	20-100
WB Predicted band size:	21 kDa
WB Positive control:	Human muscle tissue , Human spleen tissue , Mouse Pancreas tissue , Human pancreas tissue and Mouse liver tissue lysates
WB Recommended dilution:	200-1000



