



BHE40 mouse mAb

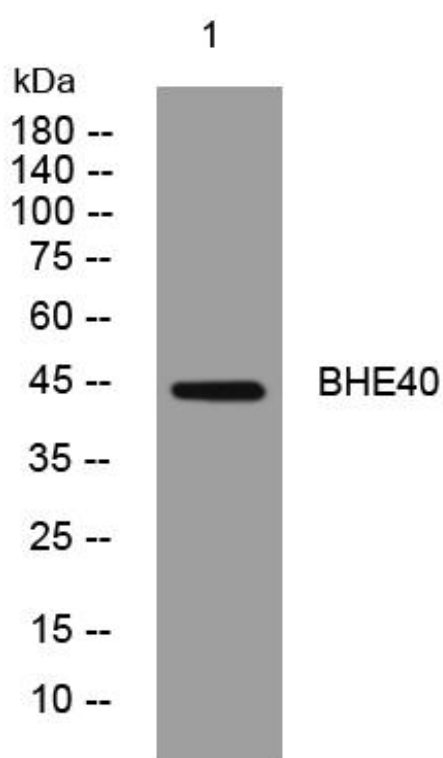
Catalog No	YP-mAb-08350
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	BHLHE40 BHLHB2 DEC1 SHARP2 STRA13
Protein Name	BHE40
Immunogen	Synthesized peptide derived from human BHE40 AA range: 229-279
Specificity	This antibody detects endogenous levels of BHE40 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	45kD
Cell Pathway	Cytoplasm . Nucleus . Predominantly localized in the nucleus (PubMed:11278694). .
Tissue Specificity	Expressed in cartilage, spleen, intestine, lung, and to a lesser extent in heart, brain, liver, muscle and stomach.
Function	function:May function as a transcriptional factor to modulate chondrogenesis in response to the cAMP pathway.,PTM:Ubiquitinated; which may lead to proteasomal degradation.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,similarity:Contains 1 Orange domain.,subunit:Able to homodimerize or heterodimerize with TCF3/E47. Interacts with ubiquitin-conjugating enzyme UBE2I/UBC9.,tissue specificity:Expressed in cartilage, spleen, intestine, lung, and to a lesser extent in heart, brain, liver, muscle and stomach.,
Background	This gene encodes a basic helix-loop-helix protein expressed in various tissues. The encoded protein can interact with ARNTL or compete for E-box binding sites in the promoter of PER1 and repress CLOCK/ARNTL's transactivation of PER1. This gene is believed to be involved in the control of circadian rhythm and cell differentiation. [provided by RefSeq, Feb 2014],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using BHE40 mouse mAb