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BHLHB2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant BHLHB2.
Catalog # AT1297a

Product Information

Application	WB, E
Primary Accession	O14503
Other Accession	NM_003670
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	5B1
Calculated MW	45510

Additional Information

Gene ID	8553
Other Names	Class E basic helix-loop-helix protein 40, bHLHe40, Class B basic helix-loop-helix protein 2, bHLHb2, Differentially expressed in chondrocytes protein 1, DEC1, Enhancer-of-split and hairy-related protein 2, SHARP-2, Stimulated by retinoic acid gene 13 protein, BHLHE40, BHLHB2, DEC1, SHARP2, STRA13
Target/Specificity	BHLHB2 (NP_003661, 130 a.a. ~ 229 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	BHLHB2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

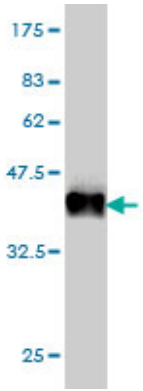
Background

This gene encodes a basic helix-loop-helix protein expressed in various tissues. Expression in the chondrocytes is responsive to the addition of Bt2cAMP. The encoded protein is believed to be involved in the control of cell differentiation.

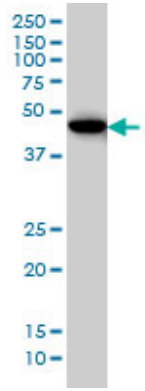
References

1.A new role for SREBP-1 transcription factors in the regulation of muscle mass and muscle cell differentiation.Lecomte V, Meugnier E, Euthine V, Durand C, Freyssenet D, Nemoz G, Rome S, Vidal H, Lefai E.Mol Cell Biol. 2009 Dec 22. [Epub ahead of print]

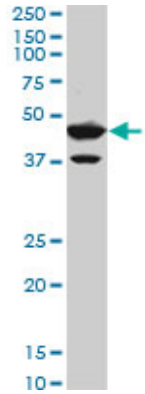
Images



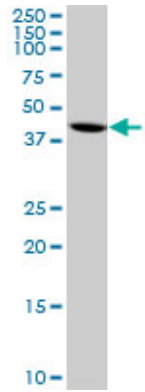
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



BHLHB2 monoclonal antibody (M01), clone 5B1 Western Blot analysis of BHLHB2 expression in HepG2 ((Cat # AT1297a)

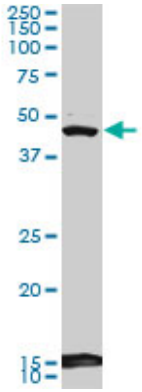


BHLHB2 monoclonal antibody (M01), clone 5B1. Western Blot analysis of BHLHB2 expression in Hela S3 NE ((Cat # AT1297a)

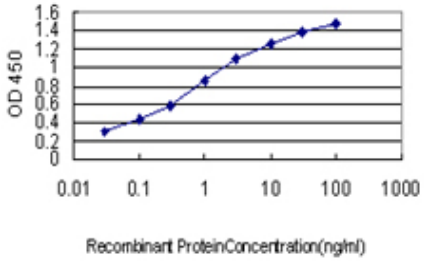


BHLHB2 monoclonal antibody (M01), clone 5B1. Western Blot analysis of BHLHB2 expression in Raw 264.7 ((Cat # AT1297a)

BHLHB2 monoclonal antibody (M01), clone 5B1. Western



Blot analysis of BHLHB2 expression in NIH/3T3 ((Cat # AT1297a)



Detection limit for recombinant GST tagged BHLHB2 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.