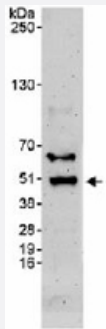


BHLHE40 polyclonal antibody

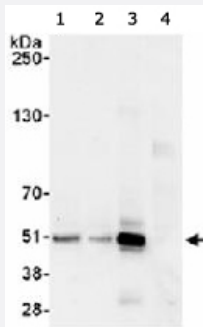
Catalog # PAB12512 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of BHLHE40 in whole cell lysate from HeLa (50 ug) using BHLHE40 polyclonal antibody (Cat # PAB12512) at 0.1 ug /mL .



Immunoprecipitation

Whole cell lysate from 293T (1 mg/IP, 20% of IP loaded) cells. Antibodies : BHLHE40 polyclonal antibody (Cat # PAB12512) used for WB at 1 ug /mL and for IP at 3 ug /mg lysate. DEC1 was also immunoprecipitated using 2 other rabbit anti-DEC1 antibodies, which recognize upstream epitopes. Lanes 1 and 2 : other anti-DEC1 antibodies. Lane 3 : BHLHE40 polyclonal antibody (Cat # PAB12512). Lane 4 : Control IgG IP.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant BHLHE40.
Immunogen	Recombinant protein corresponding to C-terminus of human BHLHE40.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris-citrate/phosphate buffer, pH 7.0-8.0 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of BHLHE40 in whole cell lysate from HeLa (50 ug) using BHLHE40 polyclonal antibody (Cat # PAB12512) at 0.1 ug /mL .

- Immunoprecipitation

Whole cell lysate from 293T (1 mg/IP, 20% of IP loaded) cells. Antibodies : BHLHE40 polyclonal antibody (Cat # PAB12512) used for WB at 1 ug /mL and for IP at 3 ug /mg lysate. DEC1 was also immunoprecipitated using 2 other rabbit anti-DEC1 antibodies, which recognize upstream epitopes. Lanes 1 and 2 : other anti-DEC1 antibodies. Lane 3 : BHLHE40 polyclonal antibody (Cat # PAB12512). Lane 4 : Control IgG IP.

Gene Info — BHLHE40

Entrez GeneID	8553
Protein Accession#	NP_003661.1
Gene Name	BHLHE40
Gene Alias	BHLHB2, DEC1, FLJ99214, SHARP-2, STRA13, Stra14
Gene Description	basic helix-loop-helix family, member e40
Omim ID	604256
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	basic helix-loop-helix domain containing, class B, 2 differentially expressed in chondrocytes 1 differentiated embryo chondrocyte expressed gene 1

Publication Reference

- [Phospho- \$\Delta\$ Np63 \$\alpha\$ /microRNA feedback regulation in squamous carcinoma cells upon cisplatin exposure.](#)

Huang Y, Kesselman D, Kizub D, Guerrero-Preston R, Ratovitski EA.

Cell Cycle 2013 Feb; 12(4):684.

Application: WB, Human, SCC-11 cells

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mood Disorders](#)
- [Sleep Disorders](#)