

## BHLHE41

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**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:1000 - 1:2000

**Calculated MW:** 50kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human BHLHE41

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

DEC2; hDEC2; BHLHB3; SHARP1;

**Catalog #:** A10555

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 79365

**Isotype:** IgG

**Swiss Prot:** Q9C0J9

**Purity:** Affinity purification

For research use only.

**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. Defects in this gene are associated with the short sleep phenotype.

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