

## BHLHE40

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**45kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human BHLHE40

**Storage Buffer:**

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

**Synonym:**

DEC1; HLHB2; BHLHB2; STRA13; Stra14; SHARP-2;

**Catalog #:**A6534

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**8553

**Isotype:**IgG

**Swiss Prot:**O14503

**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.

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