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## Product Information

<b>Product SKU:</b>	CAB10555	<b>Gene ID:</b>	79365	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Rat

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## Additional Information

<b>Observed MW:</b>	75kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	50kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**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.

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

**Synonyms:** DEC2; FNSS1; hDEC2; BHLHB3; SHARP1; BHLHE41

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 120-280 of human BHLHE41 (NP\_110389.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.