

**T58071**

**PER2 Antibody**



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100 $\mu$ l;50 $\mu$ l

**Background:**

Component of the circadian clock mechanism which is essential for generating circadian rhythms. Negative element in the circadian transcriptional loop. Influences clock function by interacting with other circadian regulatory proteins and transporting them to the nucleus. Negatively regulates CLOCK

**Alternative Name:**

Period circadian protein homolog 2 (hPER2) (Circadian clock protein PERIOD 2) PER2 KIAA0347

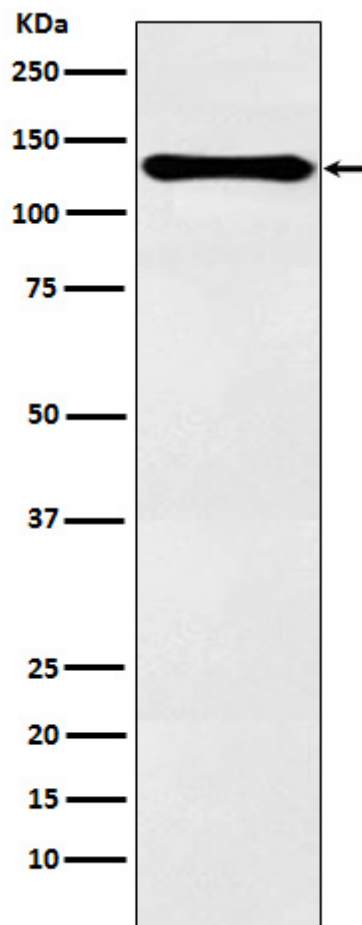
**Reactivity :** Human

**Predicted Reactivity :** Monkey

**Application :** WB,ICC/IF,FCM

**Application Image**

WB



Western blot analysis of PER2 expression in HeLa cell lysate.

**Recommended Dilution:**

WB 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:50

**Mol Weight :** 137kDa

**Gene Symbol :** PER2 KIAA0347

**Uniprot :** o15055

**Uniprot link:**

<https://www.uniprot.org/uniprotkb/o15055>

**Immunogen:**

A synthesized peptide derived from human PER2

**Source :** Rabbit

**Clonality :** Monoclonal

**Isotype :** Rabbit IgG

**Specificity:**

PER2 Antibody detects endogenous levels of total PER2

**Research Area:**

Fatty acid metabolism #Gluconeogenesis #Glycogen biosynthesis

**Purification :** Affinity-chromatography

**Buffer:**

PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol

**Storage:**

Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.