

NOCT Rabbit pAb

Catalog No.: A15805

Basic Information

Observed MW

48kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse, Rat

Background

The protein encoded by this gene is highly similar to Nocturnin, a gene identified as a circadian clock regulated gene in *Xenopus laevis*. This protein and Nocturnin protein share similarity with the C-terminal domain of a yeast transcription factor, carbon catabolite repression 4 (CCR4). The mRNA abundance of a similar gene in mouse has been shown to exhibit circadian rhythmicity, which suggests a role for this protein in clock function or as a circadian clock effector.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

25819

Swiss Prot

Q9UK39

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 132-431 of human NOCT (NP_036250.2).

Synonyms

NOC; CCR4L; Ccr4c; CCRN4L; NOCT

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

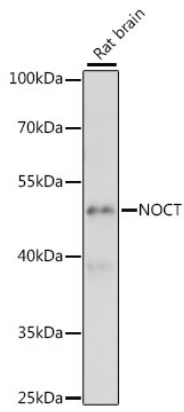
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from rat brain, using NOCT Rabbit pAb (A15805) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.