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PER2 Rabbit mAb

货号: AYT1172

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	**WB:** Mus musculus , Rattus norvegicus **IHC:** Homo sapiens,Mus musculus , Rattus norvegicus
应用	WB, IHC, ICC/IF
推荐浓度	**WB:** 1:1000 - 1:5000 **IHC:** 1:100 - 1:500 **ChIP:** 1:100 - 1:500
理论分子量	130kD
实测分子量	130KD~160 kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,Mouse liver
细胞定位	Cytoplasm,Nucleus,nucleolus,perinuclear region
纯化	Affinity purification

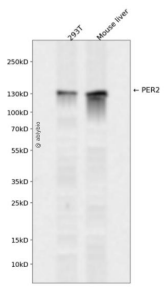
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 390-565 of human PER2 (NP_073728.1).

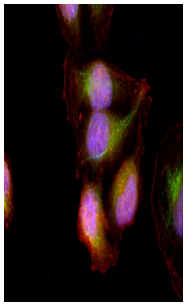
靶点信息

研究背景	This gene is a member of the Period family of genes and is expressed in a circadian pattern in the suprac hiasmatic nucleus, the primary circadian pacemaker in the mammalian brain. Genes in this family encode components of the circadian rhythms of locomotor activity, metabolism, and behavior. This gene is upreg ulated by CLOCK/ARNTL heterodimers but then represses this upregulation in a feedback loop using PER/ CRY heterodimers to interact with CLOCK/ARNTL. Polymorphisms in this gene may increase the risk of get ting certain cancers and have been linked to sleep disorders.
基因ID	8864
基因名	PER2
Swiss	O15055 (https://www.uniprot.org/uniprotkb/O15055/entry)
别名	PER2,FASPS,FASPS1,PER2 Rabbit pAb,Circadian clock protein PERIOD 2,KIAA0347

产品验证



Western blot analysis of PER2 expressed in 293T,Mouse liver using PER2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 4 5 minutes at 25°C. Samples were then incubated with primary Ab PER2 (1:200) for 1 hour at 37°C. An Ale xaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nucl ear counter stain is DAPI.

实验步骤

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