
Product Information

Product SKU:	CAB13168	Gene ID:	8864	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	136kDa	Conjugate:	Unconjugated
Calculated MW:	137kDa	Isotype:	IgG

Immunogen Information

Background: This gene is a member of the Period family of genes and is expressed in a circadian pattern in the suprachiasmatic 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 upregulated 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 getting certain cancers and have been linked to sleep disorders.

Recommended Dilution: WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 ChIP,5µg antibody for 10µg-15µg of Chromatin

Synonyms: FASPS; FASPS1; PER2

Purification Method: Affinity purification

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

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