

## PER1 antibody

### Product Information

Catalog No.:	FNab06311
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

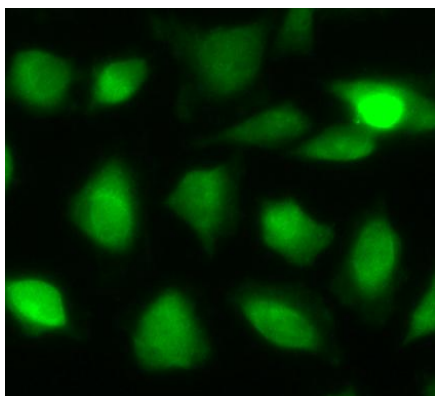
This gene is a member of the Period family of genes and is expressed in a circadian pattern in the suprachiasmatic nucleus, the primary circadian pacemaker in the mammalian brain. Genes in this family encode components of the circadian rhythms of locomotor activity, metabolism, and behavior. This gene 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. Alternative splicing has been observed in this gene; however, these variants have not been fully described.

### Immunogen information

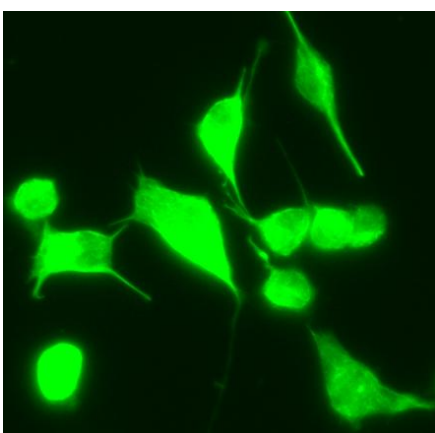
Immunogen:	period homolog 1 (Drosophila)
Synonyms:	Period circadian protein homolog 1 (hPER1) Circadian clock protein PERIOD 1 Circadian pacemaker protein Rigui PER1 KIAA0482 PER RIGUI
Observed MW:	160 kDa
Uniprot ID :	O15534

### Application

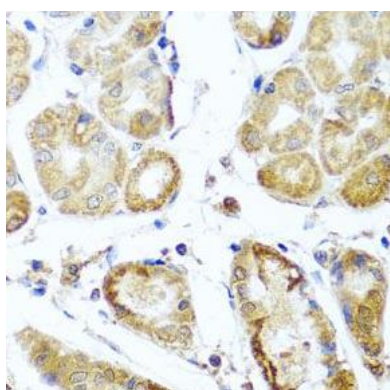
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200
Image:	



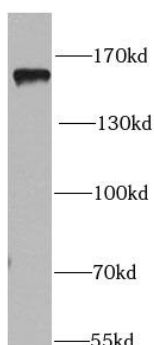
Immunofluorescence analysis of HeLa cells using FNab06311(PER1 Antibody) at dilution of 1:100



Immunofluorescence analysis of NIH/3T3 cells using FNab06311(PER1 Antibody) at dilution of 1:100



Immunohistochemistry of paraffin-embedded human stomach using FNab06311( PER1 Antibody) at dilution of 1:100



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab06311(PER1 antibody) at dilution of 1:1000

