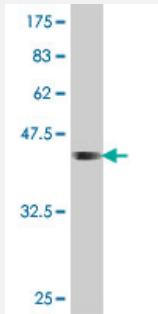


PER2 polyclonal antibody (A01)

Catalog # H00008864-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PER2.
Immunogen	PER2 (NP_073728, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.
Sequence	MNGYAEFPPSPSNPTKEPVEPQPSQVPLQEDVDMSSGSSGHETNENCSTGRDSQGSDCDDSGKELGMLVEPPDARQSPDTFSLMMAKSEHNPSTSGC SSD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (77)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PER2

Entrez GeneID [8864](#)

GeneBank Accession# [NM_022817](#)

Protein Accession# [NP_073728](#)

Gene Name PER2

Gene Alias FASPS, KIAA0347

Gene Description period homolog 2 (Drosophila)

Omim ID [603426 604348](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Circadian expression in the suprachiasmatic nucleus continues in constant darkness, and a shift in the light/dark cycle evokes a proportional shift of gene expression in the suprachiasmatic nucleus. The specific function of this gene is not yet known. [provided by RefSeq]

Other Designations period 2|period circadian protein 2|period, Drosophila, homolog of, 2

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Alcoholism](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [Behavior Therapy](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Cocaine-Related Disorders](#)
- [Cognitive Therapy](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Mood Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Paranoid Disorders](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep Disorders](#)
- [Weight Loss](#)