

DNAxPAb

Hard-to-Find
Antibody

PER3 DNAxPab

Catalog # H00008863-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PER3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPRGEAPGPGRRGAKDEALGEESGERWSPEFHLQRKLADSSHSEQQDRNRVSEELIMVVQEM KKYFPSERRNKPSTLDALNYALRCVHSVQANSEFFQILSQNGAPQADVSMYSLEELATIASHTS KNTDTFVAVFSFLSGRLVHISEQAALILNRKKDVLASSHFVDLLAPQDMRVFYAHTARAQLPFWN NWTQRAARYECAPVKPFFCRIRGGEDRKQEKCHSPFRIIPYLIHVHHPAQPELESEPCCLTVVEKI HSGYEAPRIPVKNKRIFTTHTPGCVFLEVDEKAVPLLGYLPQDLIGTSILSYLHPEDRSLMVAIHQKV LKYAGHPPFEHSPIRFCTQNGDYIILDSSWSSFVNPWSRKISFIIGRHKVRT
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PER3

Entrez GeneID [8863](#)

GeneBank Accession# [BC026102.1](#)

Protein Accession# [AAH26102.1](#)

Gene Name PER3

Gene Alias GIG13

Gene Description period homolog 3 (Drosophila)

Omim ID [603427](#)

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 OTTHUMP00000001354|growth-inhibiting protein 13|period 3|period circadian protein 3

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Arousal](#)
- [Attention](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Choice Behavior](#)

- [Chronobiology Disorders](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Heroin Dependence](#)
- [Inflammation](#)
- [Mental Recall](#)
- [Mood Disorders](#)
- [Neuropsychological Tests](#)
- [Problem Solving](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychomotor Performance](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep](#)
- [Sleep Deprivation](#)
- [Sleep Disorders](#)
- [Sleep Stages](#)
- [Wakefulness](#)