

DNAxPAb

Hard-to-Find
Antibody

ARNTL DNAxPab

Catalog # H00000406-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ARNTL DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MADQRMDISSTISDFMSPGPTDLLSSSLGTSGVDCNRKRKGSSTDYQESMDTDKDDPHGRLEYT
EHQGRIKNAREAHSQIEKRRRDKMNSFIDELASLVPTCNAMSRKLDKLTVLRAVQHMKTLRGAT
NPYTEANYKPTFLSDDELKHLILRAADGFLFVVGCDRGKILFVSESVFKILNYSQNDLIGQSLFDYLH
PKDIAKVKEQLSSSDTAPRERLIDAKTGLPVKTDITPGPSRLCSGARRSFFCRMKCNRPVSKVED
KDFPSTCSKKKDRKSFCTIHSTGYLKS WPPTKMGLDEDNEPDNEGCNLSCLVAIGRLHSHVVPQ
PVNGEIRVKSMEYVSRHAIDGKFVFVDQRATAILAYLPQELLGTSCYEYFHQDDIGHLAECHRQVL
QTREKITTNCYKFKIKDGSFITLRSRWF SFMNPWTKEVEYVSTNTTVLANVLEGGDPTFPQLTASP
HSMDSMLPSGEGGPKRTHPTVPGIPGGTRAGAGKIGRMIAEEIMEIHRIRGSSPSSCGSSPLNITST
PPPDASSPGGKKILNGGTPDIPSSGLLSGQAQENPGYPYSDSSSILGENPHIGIDMIANDQGSSSP
SNDEAAMAVIMSLLEADAGLGGPVDFSDLPWPL

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 — ARNTL

Entrez GeneID [406](#)

GeneBank Accession# [BC041129.1](#)

Protein Accession# [AAH41129.2](#)

Gene Name ARNTL

Gene Alias BMAL1, BMAL1c, JAP3, MGC47515, MOP3, PASD3, TIC, bHLHe5

Gene Description aryl hydrocarbon receptor nuclear translocator-like

Omim ID [602550](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a basic helix-loop-helix protein that forms a heterodimer with CLOCK. This complex binds an E-box upstream of the PER1 gene, activating this gene and possibly other circadian rhythm-associated genes. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations ARNT-like protein 1, brain and muscle|bHLH-PAS protein JAP3|basic-helix-loop-helix-PAS orphan MOP3|member of PAS superfamily 3

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Alcoholism](#)

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypertension](#)
- [Interview](#)
- [Mood Disorders](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep Disorders](#)