

NPAS2 rabbit monoclonal antibody

Catalog # H00004862-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NPAS2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NPAS2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NPAS2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NPAS2

Entrez GeneID	4862
GeneBank Accession#	NPAS2
Gene Name	NPAS2
Gene Alias	FLJ23138, MGC71151, MOP4, PASD4, bHLHe9
Gene Description	neuronal PAS domain protein 2
Omim ID	603347
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. A similar mouse protein may play a regulatory role in the acquisition of specific types of memory. It also may function as a part of a molecular clock operative in the mammalian forebrain. [provided by RefSeq]
Other Designations	member of PAS superfamily 4 neuronal PAS2

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)

- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Lymphoma](#)
- [Mood Disorders](#)
- [Prostate cancer](#)
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- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep](#)
- [Sleep Disorders](#)
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