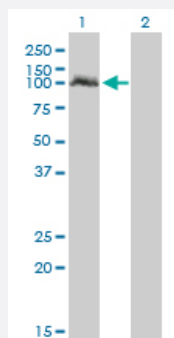


NPAS2 monoclonal antibody (M03A), clone 6C9

Catalog # H00004862-M03A

Size 200 uL

Applications

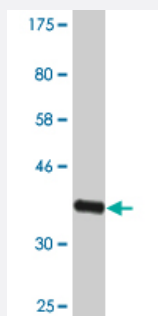


Western Blot (Transfected lysate)

Western Blot analysis of NPAS2 expression in transfected 293T cell line by NPAS2 monoclonal antibody (M03A), clone 6C9.

Lane 1: NPAS2 transfected lysate(91.8 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (35.97 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NPAS2.
Immunogen	NPAS2 (NP_002509, 646 a.a. ~ 738 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NLTTPASTSQDASQCQPSPDFSHDRQLRLLLSQPIQPMMPGSCDARQPSEVSRTRGRQVKYAQS QTVFQNPDAHPANSSSAPMPVLLMGQAVLH
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (35.97 KDa) .

Storage Buffer

In ascites fluid

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of NPAS2 expression in transfected 293T cell line by NPAS2 monoclonal antibody (M03A), clone 6C9.

Lane 1: NPAS2 transfected lysate(91.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NPAS2

Entrez GeneID

[4862](#)

GeneBank Accession#

[NM_002518](#)

Protein Accession#

[NP_002509](#)

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](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)

- [Schizophrenia](#)
- [Sleep](#)
- [Sleep Disorders](#)
- [Time Perception](#)