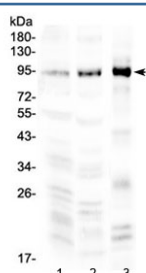


## NPAS2 Antibody (R32931)

Catalog No.	Formulation	Size
R32931	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q99743
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This NPAS2 antibody is available for research use only.



Western blot testing of 1) rat brain, 2) mouse brain and 3) human COLO 320 lysate with NPAS2 antibody at 0.5ug/ml. Predicted molecular weight ~92 kDa.

## Description

Neuronal PAS domain-containing protein 2 is a protein that in humans is encoded by the NPAS2 gene. 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.

## Application Notes

Optimal dilution of the NPAS2 antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids D474-Q578 was used as the immunogen for the NPAS2 antibody.

## Storage

After reconstitution, the NPAS2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.