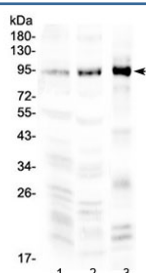


NPAS2 Antibody (R32931)

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

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q99743
Applications	Western Blot : 0.5-1ug/ml
Limitations	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.