

Datasheet for ABIN2856176
anti-NPAS2 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	NPAS2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPAS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human NPAS2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit polyclonal antibody to NPAS2 (neuronal PAS domain protein 2) NPAS2 antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NPAS2
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Target Details

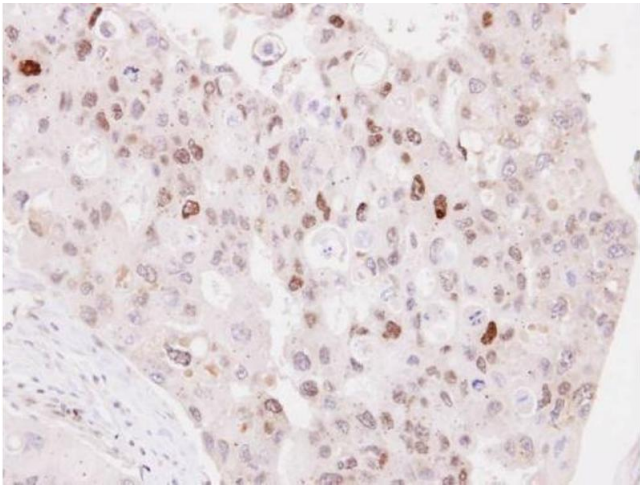
Alternative Name:	neuronal PAS domain protein 2 (NPAS2 Products)
Background:	<p>The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. A similar mouse protein may play a regulatory role in the acquisition of specific types of memory. It also may function as a part of a molecular clock operative in the mammalian forebrain.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	92 kDa
Gene ID:	4862
UniProt:	Q99743
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Photoperiodism

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299 , HeLa , HepG2 , mouse brain , rat brain
Restrictions:	For Research Use only

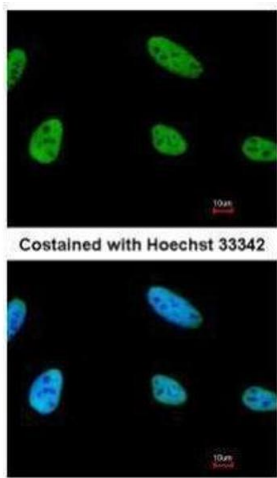
Handling

Format:	Liquid
Concentration:	0.51 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



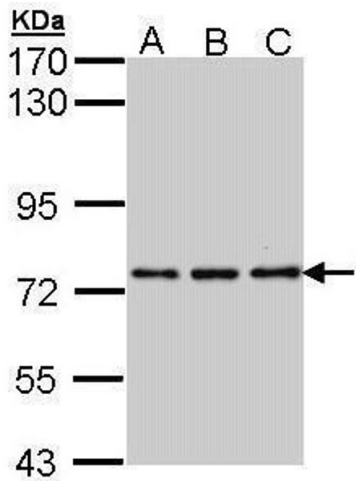
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded H441 xenograft, using NPAS2, antibody at 1:100 dilution.



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using NPAS2, antibody at 1:200 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: H1299 B: Hela C: Hep G2 , 7.5% SDS PAGE antibody diluted at 1:1000