



# Neuronal PAS1 rabbit pAb

Cat No.:ES6410

For research use only

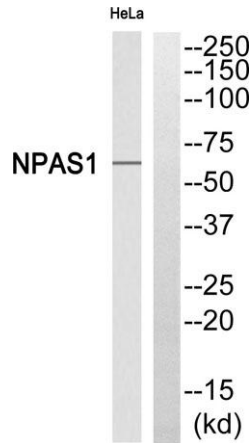
## Overview

<b>Product Name</b>	Neuronal PAS1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NPAS1. AA range:445-494
<b>Specificity</b>	Neuronal PAS1 Polyclonal Antibody detects endogenous levels of Neuronal PAS1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Neuronal PAS domain-containing protein 1
<b>Gene Name</b>	NPAS1
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	62kD
<b>Human Gene ID</b>	4861
<b>Human Swiss-Prot Number</b>	Q99742
<b>Alternative Names</b>	NPAS1; BHLHE11; MOP5; PASD5; Neuronal PAS domain-containing protein 1; Neuronal PAS1; Basic-helix-loop-helix-PAS protein MOP5; Class E basic helix-loop-helix protein 11; bHLHe11; Member of PAS protein 5; PAS domain-containing protein 5
<b>Background</b>	The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. Studies of a related mouse gene suggest that it functions in neurons. The exact

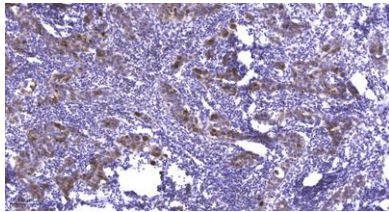




function of this gene is unclear, but it may play protective or modulatory roles during late embryogenesis and postnatal development. [provided by RefSeq, Jul 2008],



Western blot analysis of NPAS1 Antibody. The lane on the right is blocked with the NPAS1 peptide.



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

