

产品名称: Neuronal PAS1 Rabbit Polyclonal Antibody
产品货号: AP Rab14616



产品概述 (Summary)

产品名称 (Production Name)	Neuronal PAS1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NPAS1 NPAS1; BHLHE11; MOP5; PASD5; Neuronal PAS domain-containing protein 1;
别名 (Alternative Names)	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
基因 ID (Gene ID)	4861.0
蛋白 ID (SwissProt ID)	Q99742.The antiserum was produced against synthesized peptide derived from human NPAS1. AA range:445-494

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
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蛋白分子量 (Molecular Weight) 62kDa

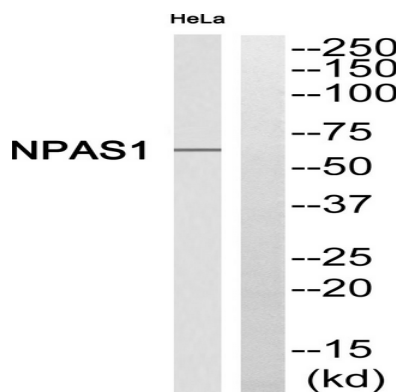
研究背景 (Background)

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],function:May control regulatory pathways relevant to schizophrenia and to psychotic illness. May play a role in late central nervous system development by modulating EPO expression in response to cellular oxygen level.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,similarity:Contains 1 PAC (PAS-associated C-terminal) domain.,similarity:Contains 2 PAS (PER-ARNT-SIM) domains.,subunit:Efficient DNA binding requires dimerization with another bHLH protein. Interacts with ARNT.,

研究领域 (Research Area)

Epigenetics and Nuclear Signaling; Transcription; Domain Families; HLH / Leucine Zipper; HLH; Neuroscience; Neurology process; Neurogenesis; Transcription Factors

图片 (Image Data)



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

注意事项 (Note)

For research use only .