

## Product datasheet for **TA809585S**

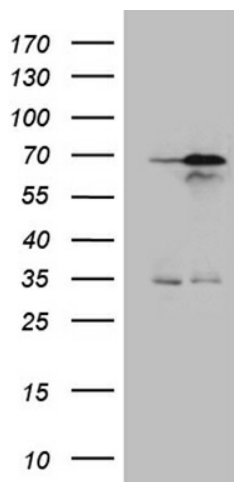
### PASD5 (NPAS1) Mouse Monoclonal Antibody [Clone ID: OTI1H5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1H5
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 319-522 of human NPAS1 (NP_002508) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	neuronal PAS domain protein 1
Database Link:	<a href="#">NP_002508</a> <a href="#">Entrez Gene 4861 Human</a> <a href="#">Q99742</a>
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]
Synonyms:	bHLHe11; MOP5; PASD5
Protein Families:	Druggable Genome, Transcription Factors



[View online »](#)

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NPAS1 ([RC207926], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NPAS1 (1:500). Positive lysates [LY419279] (100ug) and [LC419279] (20ug) can be purchased separately from OriGene.