ProSci

prosci-inc.com

HIGH PERFORMANCE ANTIBODIES ... AND MORE

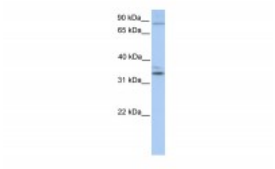
ProSci Incorporated
12170 Flint Place
Poway, CA 92064

Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

techsupport@prosci-inc.com

NPAS2 Antibody

CATALOG NUMBER: 28-810



Antibody used in WB on Human Heart at 0.2-1 ug/ml.

Specifications

SPECIES REACTIVITY:	
TESTED APPLICATIONS:	
APPLICATIONS:	NPAS2 antibody can be used for detection of NPAS2 by ELISA at 1:62500. NPAS2 antibody can be used for detection of NPAS2 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. XBL-10407 - Fetal Heart Tissue Lysate
PREDICTED MOLECULAR WEIGHT:	92 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NPAS2.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store NPAS2 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	NPAS2, FLJ23138, MGC71151, MOP4, PASD4, bHLHe9
ACCESSION NO.:	NP_002509
PROTEIN GI NO.:	22027471

OFFICIAL SYMBOL:	NPAS2
GENE ID:	4862

Background

BACKGROUND:	NPAS2 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
REFERENCES:	1) Zhu, Y., (2008) Breast Cancer Res. Treat. 107 (3), 421-425.

FOR RESEARCH USE ONLY

December 12, 2016