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Datasheet for ABIN571282

anti-NPAS4 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	NPAS4
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NPAS4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	NPAS4
Immunogen:	CRFNTSKSLRRQS
Sequence:	CRFNTSKSLR RQS
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

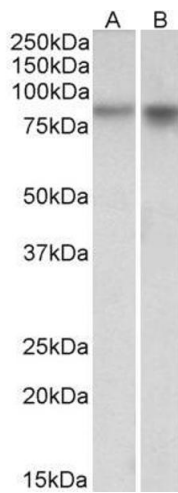
Target:	NPAS4
Alternative Name:	NPAS4 (NPAS4 Products)
Background:	NPAS4, neuronal PAS domain protein 4, Le-PAS, NXF, PASD10, bHLHe79, HLH-PAS transcription factor NXF, PAS domain-containing protein 10, class E basic helix-loop-helix protein 79, neuronal PAS domain-containing protein 4, neuronal PAS4
Gene ID:	266743, 225872, 266734
NCBI Accession:	NP_849195

Application Details

Application Notes:	Western Blot: Approx 90 kDa band observed in Human Brain (Frontal Cortex) lysates and in Mouse and Rat Brain lysates (calculated MW of 87.1 kDa according to NP_849195.2). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

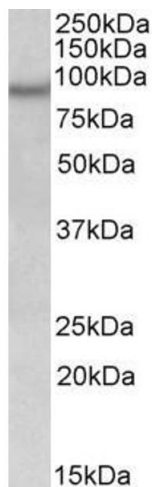
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571282 (1µg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN571282 (0.3µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.