Datasheet for ABIN184729

anti-PEBP1 antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	PEBP1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PEBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PEBP1
Immunogen:	Peptide with sequence C-DYVPKLYEQLSGK, from the C Terminus of the protein sequence according to NP_002558.1.
Sequence:	DYVPKLYEQL SGK
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

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Target Details

Target:	PEBP1
Alternative Name:	PEBP1 (PEBP1 Products)
Background:	PEBP1, phosphatidylethanolamine binding protein 1, HCNP, PBP, PEBP, RKIP, prostatic binding protein, RAF kinase inhibitor protein, Raf kinase inhibitory protein, hippocampal cholinergic neurostimulating peptide
Gene ID:	5037, 23980
NCBI Accession:	NP_002558
Pathways:	Feeding Behaviour

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5 µg/mL. Western Blot: Approx 20-22 kDa band observed in A549, HepG2 and Human Liver lysate (predicted MW of 22 kDa according to NP_002558.1). Recommended for use at 0.5-2 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
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.

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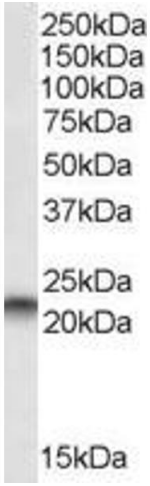
Publications

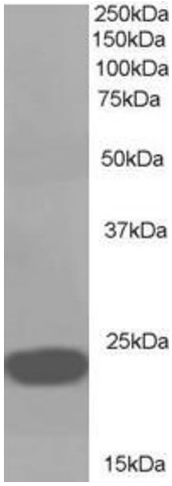
Product cited in: Weitzdörfer, Höger, Shim, Cekici, Pollak, Lubec: "Changes of hippocampal signaling protein levels during postnatal brain development in the rat." in: **Hippocampus**, Vol. 18, Issue 8, pp. 807-13, (2008) (PubMed).

Images



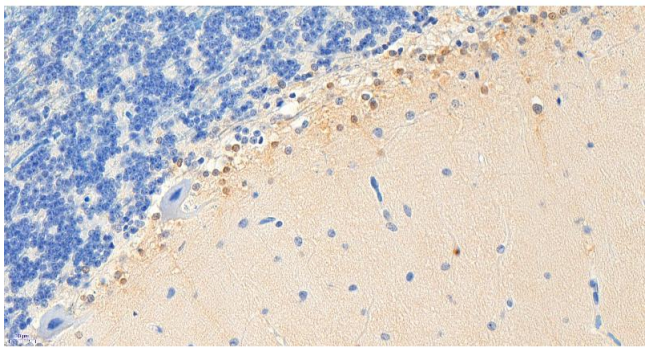
Western Blotting

Image 1. ABIN184729 staining (0.01µg/ml) of A549 lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 2. ABIN184729 (1µg/ml) staining of A549 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN184729 (5µg/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

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Images

Please check the product details page for more images. Overall 4 images are available for ABIN184729.

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