

A0577

Leader in Biomolecular Solutions for Life Science



# PEBP1 Rabbit pAb

Catalog No.: A0577

## Basic Information

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### Observed MW

23kDa

### Calculated MW

21kDa

### Category

Polyclonal Antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse

## Background

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This gene encodes a member of the phosphatidylethanolamine-binding family of proteins and has been shown to modulate multiple signaling pathways, including the MAP kinase (MAPK), NF-kappa B, and glycogen synthase kinase-3 (GSK-3) signaling pathways. The encoded protein can be further processed to form a smaller cleavage product, hippocampal cholinergic neurostimulating peptide (HCNP), which may be involved in neural development. This gene has been implicated in numerous human cancers and may act as a metastasis suppressor gene. Multiple pseudogenes of this gene have been identified in the genome.

## Recommended Dilutions

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WB 1:500 - 1:1000

## Immunogen Information

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### Gene ID

5037

### Swiss Prot

P30086

### Immunogen

A synthetic peptide of human PEBP1

### Synonyms

PBP; HCNP; PEBP; RKIP; HCNPpp; PEBP-1; HEL-210; HEL-S-34; HEL-S-96; PEBP1

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

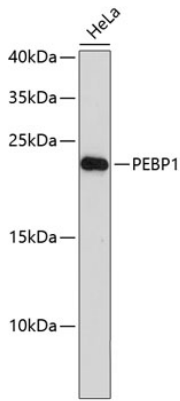
Affinity purification

### Storage

Store at 4°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, pH7.3.

## Validation Data

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Western blot analysis of extracts of HeLa cells, using PEBP1 antibody (A0577).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.