

# PEBP1 Rabbit mAb

Catalog No.: A12768   Recombinant   1 Publications

## Basic Information

### Observed MW

21kDa

### Calculated MW

21kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Clone/No number

ARC0704

## Background

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

WB                    1:500 - 1:2000

ELISA                Recommended starting concentration is 1  $\mu$ g/mL.  
                       Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5037

### Swiss Prot

P30086

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

PPB; HCNP; PEBP; RKIP; HCNPP; PEBP-1; HEL-210; HEL-S-34; HEL-S-96; PEBP1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

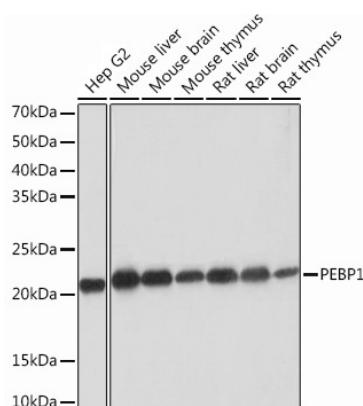
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of various lysates using PEBP1 Rabbit mAb (A12768) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated 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.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.