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# Datasheet for ABIN392675 anti-PEBP1 antibody (AA 137-167)

4 Images



## Overview

Quantity:	400 µL
Target:	PEBP1
Binding Specificity:	AA 137-167
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This PBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 137-167 amino acids from the Central region of human PBP.
Clone:	RB3719
lsotype:	Ig Fraction
Purification:	This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

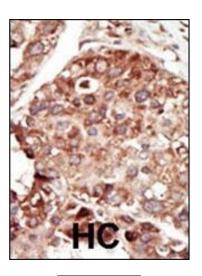
## Target Details

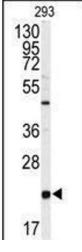
Target:	PEBP1
Alternative Name:	PBP (PEBP1 Products)

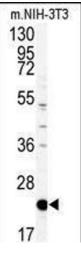
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Target Details	
Background:	PBP binds ATP, opioids and phosphatidylethanolamine, exhibiting a lower affinity for phosphatidylinositol and phosphatidylcholine. This serine protease inhibitor inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase. PBP contains hippocampal cholinergic neurostimulating peptide (HCNP), which may be involved in the function of the presynaptic cholinergic neurons of the central nervous system. HCNP increases the production of choline acetyltransferase but not acetylcholinesterase.
Molecular Weight:	21057
Gene ID:	5037
NCBI Accession:	NP_002558
UniProt:	P30086
Pathways:	Feeding Behaviour
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

### Western Blotting

**Image 2.** Western blot analysis of anti-PBP Antibody (Center) Antibody (Center) (ABIN392675 and ABIN2842168) in 293 cell line lysates (35 µg/lane). PBP(arrow) was detected using the purified Pab.

#### **Western Blotting**

**Image 3.** Western blot analysis of anti-PBP Antibody (Center) (ABIN392675 and ABIN2842168) in mouse NIH-3T3 tissue lysates (35 µg/lane). PBP(arrow) was detected using the purified Pab.

Please check the product details page for more images. Overall 4 images are available for ABIN392675.

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