

**Anti-PEBP1/Pbp Rabbit Monoclonal Antibody**  
Catalog # ABO13656**Specification****Anti-PEBP1/Pbp Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC, IP
Primary Accession	<a href="#">P30086</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-PEBP1/Pbp Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

**Anti-PEBP1/Pbp Rabbit Monoclonal Antibody - Additional Information**

Gene ID 5037

**Other Names**

Phosphatidylethanolamine-binding protein 1, PEBP-1, HCNPpp, Neuropolypeptide h3, Prostatic-binding protein, Raf kinase inhibitor protein, RKIP, Hippocampal cholinergic neurostimulating peptide, HCNP, PEBP1, PBP, PEBP

**Calculated MW**

21057 MW KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:20

**Subcellular Localization**

Cytoplasm.

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human PEBP1

**Purification**

Affinity-chromatography

**Storage**

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

## Anti-PEBP1/Pbp Rabbit Monoclonal Antibody - Protein Information

**Name** PEBP1

**Synonyms** PBP, PEBP

### Function

Binds ATP, opioids and phosphatidylethanolamine. Has lower affinity for phosphatidylinositol and phosphatidylcholine. Serine protease inhibitor which inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase (By similarity). Inhibits the kinase activity of RAF1 by inhibiting its activation and by dissociating the RAF1/MEK complex and acting as a competitive inhibitor of MEK phosphorylation.

### Cellular Location

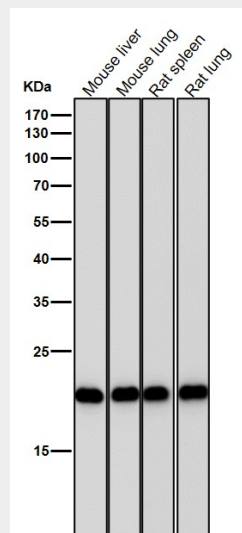
Cytoplasm.

## Anti-PEBP1/Pbp Rabbit Monoclonal Antibody - Protocols

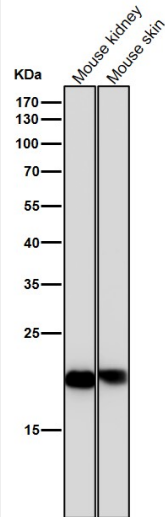
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

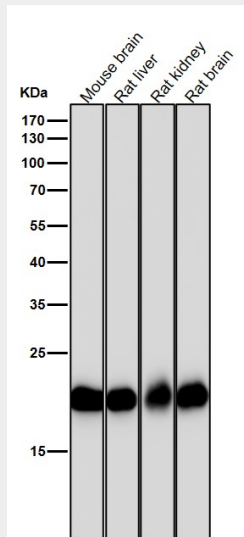
## Anti-PEBP1/Pbp Rabbit Monoclonal Antibody - Images



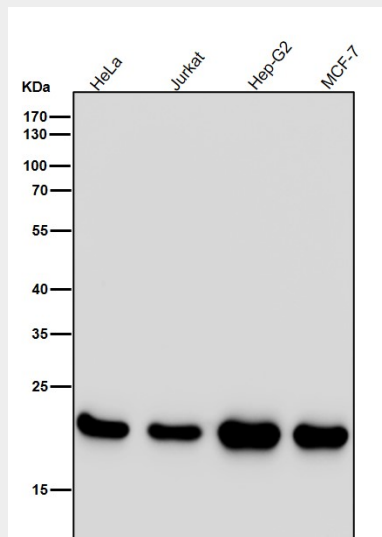
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



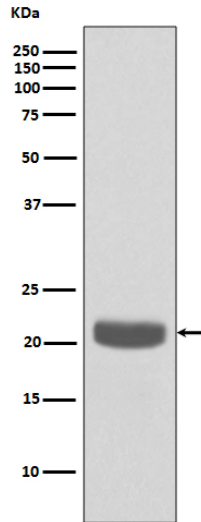
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



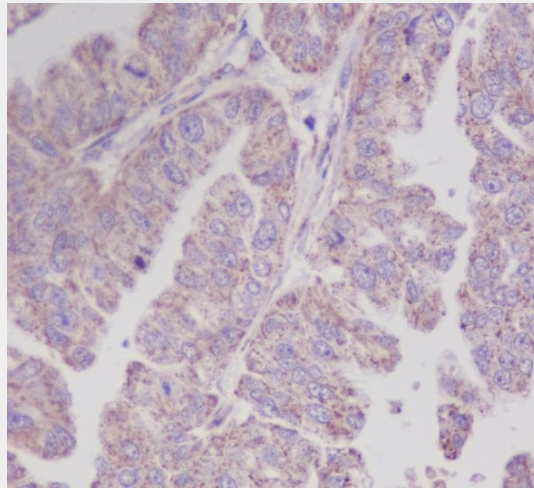
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



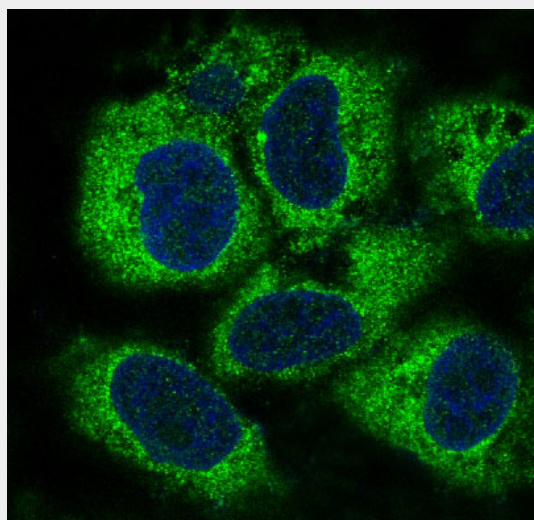
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



Western blot analysis of PEBP1 expression in A549 cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver, using PEBP1 Antibody.



Immunofluorescent analysis of HeLa cells, using PEBP1 Antibody.