# PEBP1 Polyclonal Antibody

**Catalog No.** E-AB-10549

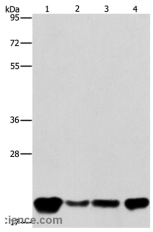
***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

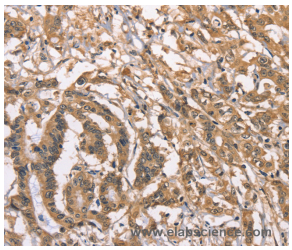
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|---|---|
| **Reactivity** | Human,Mouse,Rat |
| **Immunogen** | Recombinant protein of human PEBP1 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:50-1:200 |

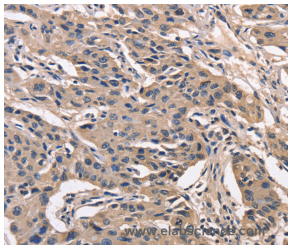
## Data




Western Blot analysis of A549, K562, hela and hepG2 cell using PEBP1 Polyclonal Antibody at dilution of 1:400
**Calculated Mw:21kDa**



Immunohistochemistry of paraffin-embedded Human colon cancer using PEBP1 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human lung cancer using PEBP1 Polyclonal Antibody at dilution of 1:40

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. |



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## Background

Phosphatidylethanolamine-binding protein 1 is a protein that in humans is encoded by the PEBP1 gene.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.



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