

## MYCBP Polyclonal Antibody

**Catalog No.** E-AB-65487

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

### Description

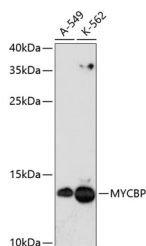
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant fusion protein of human MYCBP (NP_036465.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Applications

### Recommended Dilution

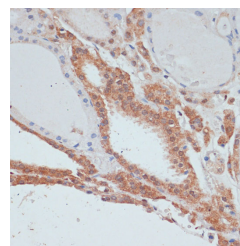
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:200

### Data

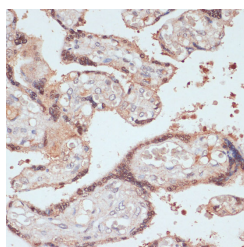


Western blot analysis of extracts of various cell lines using MYCBP Polyclonal Antibody at dilution of 1:3000.

**Observed Mw:12kDa**  
**Calculated Mw:11kDa**



Immunohistochemistry of paraffin-embedded Human thyroid cancer using MYCBP Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human placenta using MYCBP Polyclonal Antibody at dilution of 1:100 (40x lens).

### Preparation & Storage

#### For Research Use Only

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

## Background

The protein encoded by this gene binds to the N-terminus of the oncogenic protein C-MYC, enhancing the ability of C-MYC to activate E box-dependent transcription. The encoded protein is normally found in the cytoplasm, but it translocates to the nucleus during S phase of the cell cycle and associates with C-MYC. This protein may be involved in spermatogenesis. This gene can be silenced by microRNA-22. Two transcript variants, one protein-coding and the other probably not protein-coding, have been found for this gene.