

For Research Use Only

# MYCBPAP Polyclonal antibody

Catalog Number: 12763-1-AP

1 Publications



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>12763-1-AP   | <b>GenBank Accession Number:</b><br>BC028393  | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 327 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>84073                | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000             |
| <b>Source:</b><br>Rabbit   | <b>UNIPROT ID:</b><br>Q8TBZ2                  | <b>IHC 1:50-1:500</b>  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>MYCBP associated protein | <b>IF/ICC 1:200-1:800</b>                                    |
| <b>Immunogen Catalog Number:</b><br>AG3419   | <b>Calculated MW:</b><br>947 aa, 108 kDa      |  |
|  | <b>Observed MW:</b><br>108 kDa                |  |

## Applications

|   |  |
|---|--|
| <b>Tested Applications:</b><br>WB, IHC, IF/ICC, ELISA | <b>Positive Controls:</b>                  |
| <b>Cited Applications:</b><br>WB                      | <b>WB :</b> human placenta tissue,         |
| <b>Species Specificity:</b><br>human                  | <b>IHC :</b> human pancreas cancer tissue, |
| <b>Cited Species:</b><br>mouse                        | <b>IF/ICC :</b> HUVEC cells, HepG2 cells   |

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

MYCBPAP, or MYCBP associated protein, is a protein encoded by the human MYCBPAP gene. It is primarily expressed in the testis and is involved in spermatogenesis, the process of forming sperm cells. The protein may also play a role in synaptic processes, which are essential for neuronal signaling. MYCBPAP is predicted to be an intracellular protein with molecular functions including clathrin binding, phospholipid binding, and protein binding. It is associated with biological processes such as cell differentiation, chemical synaptic transmission, endocytosis, and spermatogenesis.

## Notable Publications

| Author      | Pubmed ID | Journal            | Application |
|-------------|-----------|--------------------|-------------|
| Yiling Zhou | 39704931  | Sci China Life Sci | WB          |

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

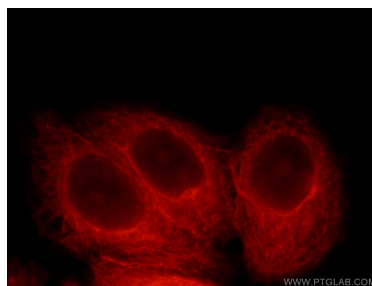
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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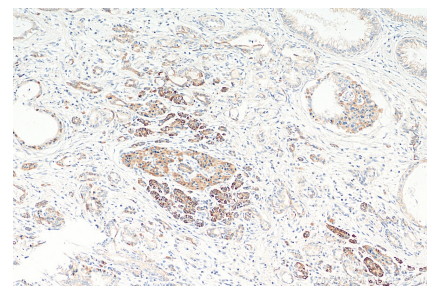
## Selected Validation Data



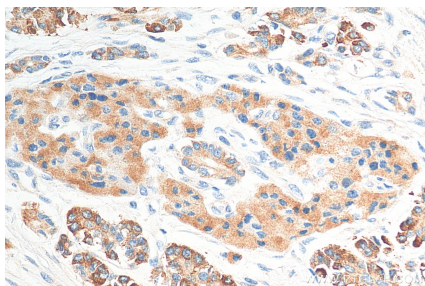
human placenta tissue were subjected to SDS PAGE followed by western blot with 12763-1-AP (MYCBPAP antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



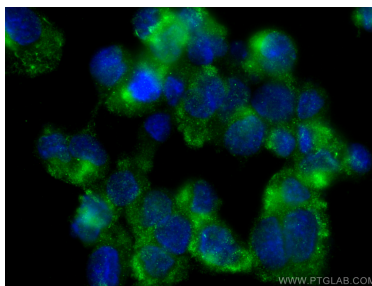
Immunofluorescent analysis of HepG2 cells, using MYCBPAP antibody 12763-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 12763-1-AP (MYCBPAP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 12763-1-AP (MYCBPAP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using MYCBPAP antibody (12763-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).