

For Research Use Only

MYCBPAP Polyclonal antibody

Catalog Number: 12763-1-AP

1 Publications



Basic Information

Catalog Number: 12763-1-AP	GenBank Accession Number: BC028393	Purification Method: Antigen affinity purification
Size: 327 ug/ml	GeneID (NCBI): 84073	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8TBZ2	IHC 1:50-1:500
Isotype: IgG	Full Name: MYCBP associated protein	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG3419	Calculated MW: 947 aa, 108 kDa	
	Observed MW: 108 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : human placenta tissue,
Species Specificity: human	IHC : human pancreas cancer tissue,
Cited Species: mouse	IF/ICC : 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

For technical support and original validation data for this product please contact:

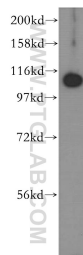
T: 4006900926

E: Proteintech-CN@ptglab.com

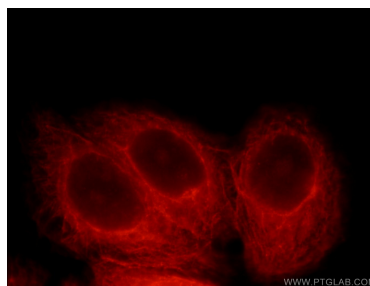
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

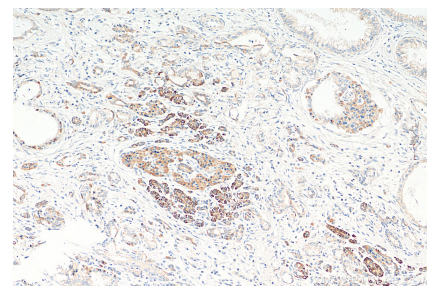
Selected Validation Data



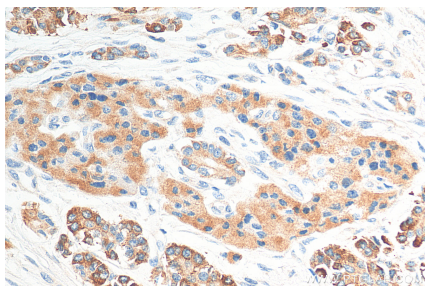
human placenta tissue were subjected to SDS PAGE followed by western blot with 12763-1-AP (MYCBPAP antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



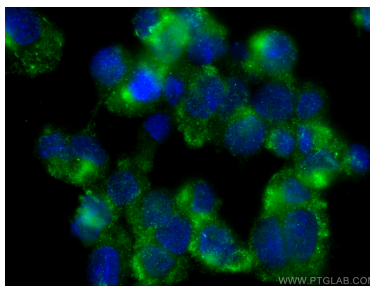
Immunofluorescent analysis of HepG2 cells, using MYCBPAP antibody 12763-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



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).