

## MBIP Polyclonal Antibody

Catalog number: 10685-1-AP

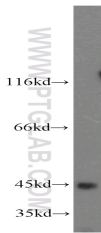
Size: 21 µg/150 µl

Source: Rabbit

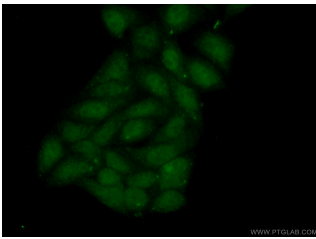
Isotype: IgG

Synonyms:

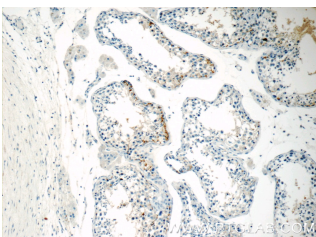
MBIP; MBIP, MUK binding inhibitory protein



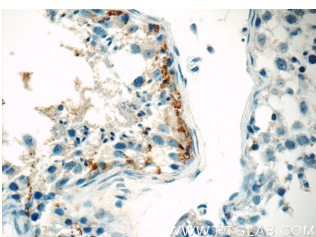
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10685-1-AP (MBIP antibody) at dilution of 1:300



Immunofluorescent analysis of ( 10% Formaldehyde ) fixed HepG2 cells using 10685-1-AP ( MBIP Antibody ) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human testis tissue slide using 10685-1-AP ( MBIP Antibody ) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human

### Background

MBIP (MAP3K12 binding inhibitory protein 1), also known as MAPK upstream kinase (MUK)-binding inhibitory protein, is a 344 amino acid nuclear and cytoplasmic protein that assists in the activation of the JNK pathway by inhibiting ZPK activity. Ubiquitously expressed, MBIP is found at high levels in lung and heart and is one component of the ADA2A-containing complex (ATAC) in conjunction with ADA3, GCN5, CDC101, TADA2L, WDR5, YEATS2, DR1 and CRP2BP.

### Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated MBIP MW:	39 kDa
Observed MBIP MW:	45 kDa
Positive WB detected in	HEK-293 cells, HepG2 cells
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human testis tissue, human lung cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:50-1:500

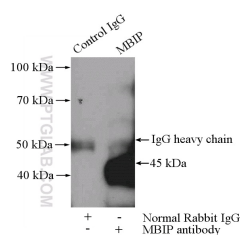
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1061
GenBank accession number:	BC005197
Gene ID (NCBI):	51562
Full name:	MAP3K12 binding inhibitory protein 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-MBIP (IP:10685-1-AP, 4ug;

testis tissue slide using 10685-1-AP ( MBIP Antibody) at dilution of 1:50 (under 40x lens)      Detection:10685-1-AP 1:300) with HEK-293 cells lysate 2800ug.