

Nur für Forschungszwecke

# MYBBP1A Polyklonaler Antikörper

Katalog-Nr.:14524-1-AP

Vorgestelltes Produkt

3 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
14524-1-AP

Größe:  
150ul, Konzentration: 600 µg/ml von  
Nanodrop und 353 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG6008

GenBank-Zugangsnummer:  
BC050546

GeneID (NCBI):  
10514

Vollständiger Name:  
MYB binding protein (P160) 1a

Berechnete Masse:  
149 kDa

Beobachtete Masse:  
150-160 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:10000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:20-1:200

IF 1:20-1:200

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : HeLa-Zellen, HEK-293-Zellen

IP : HEK-293-Zellen,

IHC : humanes Nierengewebe,

IF : HepG2-Zellen,

## Hintergrundinformationen

The protooncogene MYB is predominantly expressed in immature hemopoietic cells where it has an essential role in hemopoietic cell proliferation and differentiation. Oncogenically activated forms of MYB is generally N- and/or C-terminal truncations of the normal MYB protein. Removal of the C terminus of MYB disrupts or deletes a region termed the negative regulatory domain (NRD), resulting in an increase in DNA binding, transactivation, and transformation by MYB. One feature of the NRD is a leucine zipper-like motif [PMID: 8302594]. Murine Myb-binding protein-1a (MYBBP1A), originally called P160, was identified by its ability to interact specifically with Myb via this leucine zipper-like motif. MYBBP1A modulates MYB activity upon binding to the MYB NRD [PMID: 10644447, 9447996].

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Blanca Felipe-Abrio	31066170	Mol Oncol	WB
Blanca Felipe-Abrio	30781655	Cancers (Basel)	WB,IF
Mohamed Eldeeb	36763502	Cell Rep	WB

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

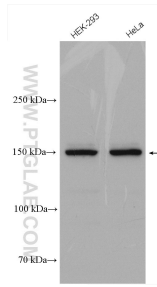
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

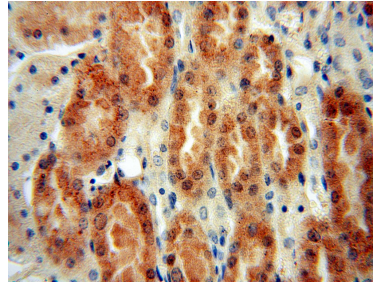
E: proteintech@ptglab.com  
W: ptglab.com

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

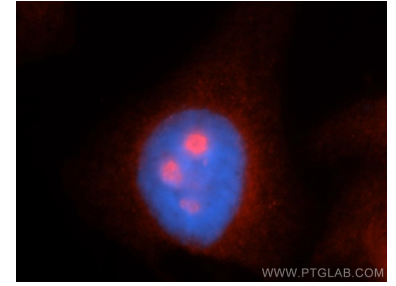
## Ausgewählte Validierungsdaten



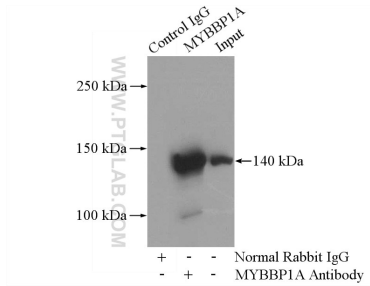
Various lysates were subjected to SDS PAGE followed by western blot with 14524-1-AP (MYBBP1A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



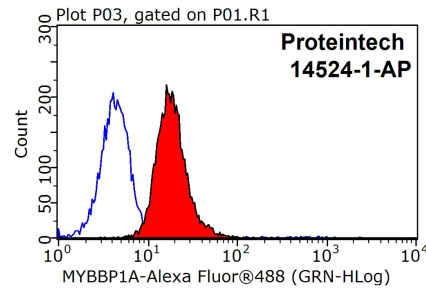
Immunohistochemical analysis of paraffin-embedded human kidney using 14524-1-AP (MYBBP1A antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using MYBBP1A antibody 14524-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-MYBBP1A (IP:14524-1-AP, 4ug; Detection:14524-1-AP 1:500) with HEK-293 cells lysate 2800ug.



1x10<sup>6</sup> HepG2 cells were stained with 0.2ug MYBBP1A antibody (14524-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.