

Nur für Forschungszwecke

# MAGOH Polyklonaler Antikörper

Katalog-Nr.:12347-1-AP

8 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
12347-1-AP

Größe:  
150ul, Konzentration: 260 µg/ml von  
Nanodrop;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG3004

GenBank-Zugangsnummer:  
BC018211

GeneID (NCBI):  
4116

Vollständiger Name:  
mago-nashi homolog, proliferation-  
associated (Drosophila)

Berechnete Masse:  
146 aa, 17 kDa

Beobachtete Masse:  
17 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000  
IP 0.5-4.0 µg für IP und 1:500-1:1000  
für WB  
IHC 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB : K-562-Zellen, HeLa-Zellen, HL-60-Zellen,  
humanes Hirngewebe, Raji-Zellen

IP : K-562-Zellen,

IHC : humanes Ovarialkarzinomgewebe,

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

## Hintergrundinformationen

MAGOH, belonging to the mago nashi family, is a component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. Core components of the EJC functions to mark the position of the exon-exon junction in the mature mRNA and thereby influences downstream processes of gene expression including mRNA splicing, nuclear mRNA export, subcellular mRNA localization, translation efficiency and nonsense-mediated mRNA decay (NMD). MAGOH regulates the transcriptional activation of STAT3 by interfering complex formation between STAT3 and a core EJC component Y14.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hanqian Mao	27618312	PLoS Genet	IHC
Dan Li	36416264	Nucleic Acids Res	WB
Duygu Kuzuoglu-Ozturk	34192540	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

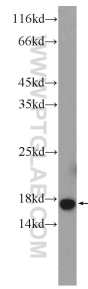
For technical support and original validation data for this product please contact:

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

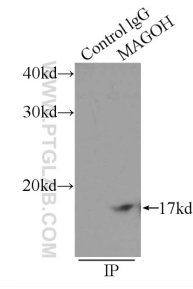
E: proteintech@ptglab.com  
W: ptglab.com

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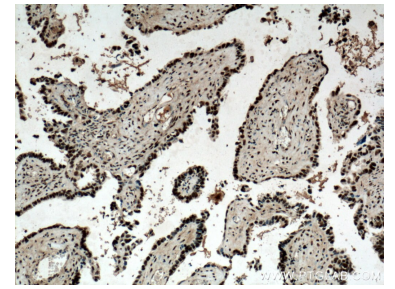
## Ausgewählte Validierungsdaten



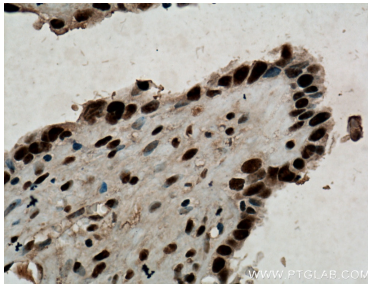
K-562 cells were subjected to SDS PAGE followed by western blot with 12347-1-AP (MAGOH Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-MAGOH (IP:12347-1-AP, 3ug; Detection:12347-1-AP 1:500) with K-562 cells lysate 2400ug.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 12347-1-AP (MAGOH 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 ovary tumor tissue slide using 12347-1-AP (MAGOH antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).