For Research Use Only

MAGOH Monoclonal antibody

Catalog Number:68293-1-Ig

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Basic Information

Catalog Number:
68293-1-Ig

Size:
500 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG3004

GenBank Accession Number:
BC018211

GeneID (NCBI):
4116

UNIPROT ID:
P61326

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

Calculated MW:
146 aa, 17 kDa

Observed MW:
17 kDa

Purification Method:
Protein G purification

CloneNo.:
2G6B9

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, MOUSE, RAT, RABBIT

Positive Controls:

WB : LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells

Background Information

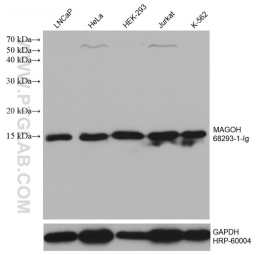
MAGOH, belonging to the mago nashi family, is a component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that 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.

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68293-1-Ig (MAGOH antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.