MAGOH Monoclonal antibody, PBS Only

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:68293-1-PBS

Basic Information

Catalog Number:
68293-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, MOUSE, RAT, RABBIT

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.
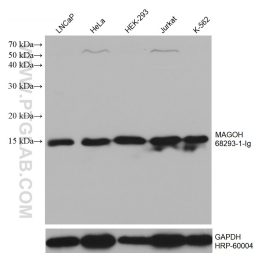
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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. This data was developed using the same antibody clone with 68293-1-PBS in a different storage buffer formulation.