For Research Use Only

EXOSC6 Polyclonal antibody

Catalog Number:30685-1-AP

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

Basic Information

Catalog Number:
30685-1-AP

Size:
400 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG33513

GenBank Accession Number:
NM_058219

GeneID (NCBI):
118460

UNIPROT ID:
Q5RKV6

Full Name:
exosome component 6

Calculated MW:
28kd

Observed MW:
28-32 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Positive Controls:

WB : HaCaT cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, MCF-7 cells

Background Information

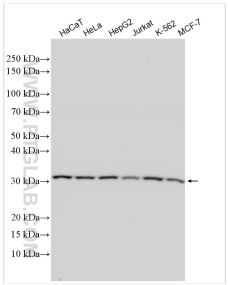
EXOSC6 (exosome component 6), also known as p11 or MTR3. The calculated molecular weight of EXOSC6 is 28 kDa. And it has low tissue specificity. The gene product constitutes one of the subunits of the multisubunit particle called exosome, which mediates mRNA degradation. It is also a component of the RNA exosome complex (PMID: 29906447). The composition of human exosome is similar to its yeast counterpart. EXOSC6 is homologous to the yeast Mtr3 protein. Its exact function is not known, however, it has been shown using a cell-free RNA decay system that the exosome is required for rapid degradation of unstable mRNAs containing AU-rich elements (AREs), but not for poly(A) shortening. The exosome does not recognize ARE-containing mRNAs on its own, but requires ARE-binding proteins that could interact with the exosome and recruit it to unstable mRNAs, thereby promoting their rapid degradation.

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 30685-1-AP (EXOSC6 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.