

EXOSC7 Monoclonal antibody

Catalog Number: 68456-1-Ig

Basic Information

Catalog Number:

68456-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18322

GenBank Accession Number:

BC012831

GeneID (NCBI):

23016

UNIPROT ID:

Q15024

Full Name:

exosome component 7

Calculated MW:

291 aa, 32 kDa

Observed MW:

35 kDa

Purification Method:

Protein G purification

CloneNo.:

2A4C6

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : Saos-2 cells, HSC-T6 cells, Caco-2 cells, LNCaP cells, HeLa cells, HEK-293 cells, NIH/3T3 cells, 4TA cells

Background Information

In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. EXOSC7 also named as RRP42 or EAP1 is a 291 amino acid protein, which belongs to the RNase PH family. EXOSC7 is one of the six RNase-PH domain subunits of the exosome and required for the processing of the 7S pre-RNA.

Storage

Storage:

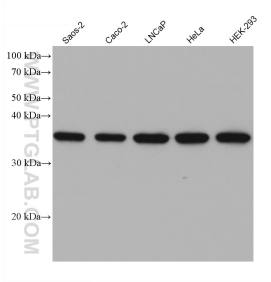
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

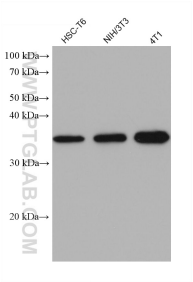
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68456-1-Ig (EXOSC7 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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