

For Research Use Only

# EXOSC1 Recombinant antibody

Catalog Number:83875-5-RR



## Basic Information

Catalog Number:

83875-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3286

GenBank Accession Number:

BC022067

GeneID (NCBI):

51013

UNIPROT ID:

Q9Y3B2

Full Name:

exosome component 1

Calculated MW:

195 aa, 21 kDa

Observed MW:

21 kDa

Purification Method:

Protein A purification

CloneNo.:

240938C6

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : HeLa cells, Jurkat cells, SGC-7901 cells, MCF-7 cells, HEK-293T cells, rat skin tissue

## Background Information

EXOSC1 is a core component of the exosome. The mammalian exosome is required for rapid degradation of AU rich element-containing RNAs but not for poly(A) shortening.

## 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:

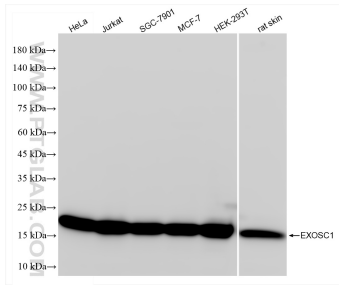
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

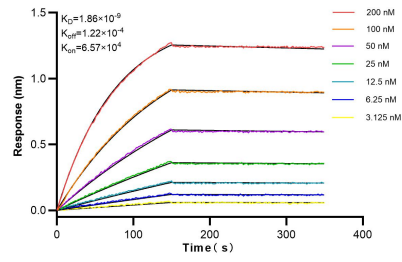
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83875-5-RR (EXOSC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83875-5-RR against Human EXOSC1 were performed. The affinity constant is 1.86 nM.