

Product Name: KD-Validated EXOSC3 Mouse Monoclonal Antibody**Catalog #: KVA00050**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 29.6kDa

Antigen Information

Gene Name	EXOSC3
Alternative Names	EXOSC3; Exosome Component 3; RRP40; P10; CGI-102; HRrp-40; Rrp40p; Ribosomal RNA-Processing Protein 40; Exosome Complex Component RRP40; HRrp40p; Exosome Complex Exonuclease RRP40; Exosome Component Rrp40; CGI-102 Protein; BA3J10.7; PCH1
Gene ID	51010.0
SwissProt ID	Q9NQT5
Immunogen	Recombinant protein of human EXOSC3

Background

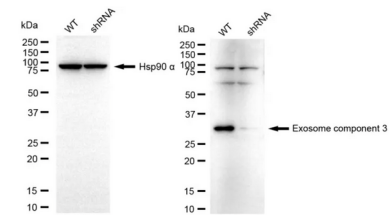
This gene encodes a non-catalytic component of the human exosome, a complex with 3'-5' exoribonuclease activity that plays a role in numerous RNA processing and degradation activities. Related pseudogenes of this gene are found on chromosome 19

and 21. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jun 2012]

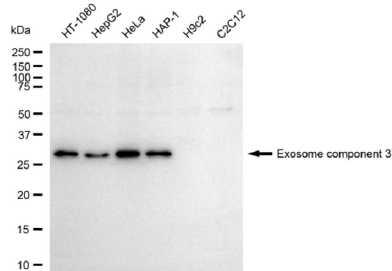
Research Area

Epigenetics and Nuclear Signaling, Neuroscience

Image Data



Western blotting analysis using Exosome component 3 antibody (KVA00050). Exosome component 3 expression in wild-type (WT) and Exosome component 3 (EXOSC3) shRNA knockdown (KD) HepG2 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with Exosome component 3 antibody (KVA00050, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using Exosome component 3 antibody (KVA00050). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Exosome component 3 antibody (KVA00050, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.