

# EXOSC1 rabbit monoclonal antibody

Catalog # H00051013-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human EXOSC1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human EXOSC1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human EXOSC1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — EXOSC1

Entrez GeneID	<a href="#">51013</a>
GeneBank Accession#	<a href="#">EXOSC1</a>
Gene Name	EXOSC1
Gene Alias	CGI-108, CSL4, Csl4p, SKI4, Ski4p, hCsl4p, p13
Gene Description	exosome component 1
Omim ID	<a href="#">606493</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes 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. The association of this protein with the exosome is mediated by protein-protein interactions with ribosomal RNA-processing protein 42 and ribosomal RNA-processing protein 46. [provided by RefSeq]
Other Designations	3'-5' exoribonuclease CSL4 homolog CSL4 exosomal core protein homolog OTTHUMP00000020203 exosomal core protein CSL4 homolog of yeast exosomal core protein CSL4

## Pathway

- [RNA degradation](#)