

# EXOSC1 rabbit monoclonal antibody

Catalog # H00051013-K

Size 100 ug x up to 3

## Specification

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