



# EXOS1 rabbit pAb

<b>Catalog No</b>	YP-Ab-11666
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	EXOSC1 CSL4 CGI-108
<b>Protein Name</b>	EXOS1
<b>Immunogen</b>	Synthesized peptide derived from human EXOS1 AA range: 93-143
<b>Specificity</b>	This antibody detects endogenous levels of EXOS1 at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Nucleus, nucleolus . Nucleus . Cytoplasm .
<b>Tissue Specificity</b>	
<b>Function</b>	domain:The N- and C-terminal regions of the protein are required for interaction with RRP46.,function:Component of the exosome 3'->5' exoribonuclease complex, a complex that degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions. Required for the 3'processing of the 7S pre-rRNA to the mature 5.8S rRNA. Has a 3'-5' exonuclease activity.,similarity:Contains 1 S1 motif domain.,subunit:Component of the exosome multienzyme ribonuclease complex composed of at least 11 proteins: EXOSC1/CSL4, EXOSC2/RRP4, EXOSC3/RRP40, EXOSC4/RRP41, EXOSC5/RRP46, EXOSC6/MTR3, EXOSC7/RRP42, EXOSC8/RRP43, EXOSC9/ScI-75, DIS3/RRP44, and EXOSC10/ScI-100 (only in the nuclear complex). Interacts directly with EXOSC5, EXOSC6, EXOSC7 and EXOSC8. Also associated with the GTPase Ran.,
<b>Background</b>	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. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2016],

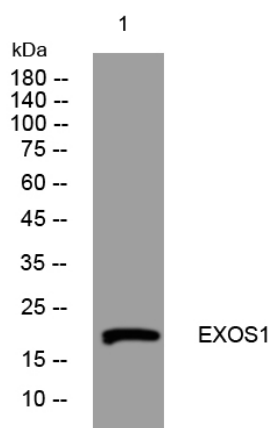
#### matters needing attention

Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night