

Datasheet for ABIN6140380
anti-EXOSC7 antibody (AA 1-291)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	EXOSC7
Binding Specificity:	AA 1-291
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-291 of human EXOSC7 (NP_055819.2).
Sequence:	MASVTLSEAE KVIYVHGVQE DLRVDGRGCE DYRCVEVETD VVSNTSGSAR VKLGHTDILV GVKAEMGTPK LEKPNEGYLE FFVDCSASAT PEFEGRGDD LGTEIANTLY RIFNNKSSVD LKTLCISPRE HCWVLYVDVL LLECGGNLFD AISIAVKAAL FNTRIPRVRV LEDEEGSKDI ELSDDPYDCI RLSVENVPCI VTLCKIGYRH VVDATLQEEA CSLASLLVSV TSKGVVTCMR KVGKGS LDPE SIFEMMETGK RVGKVLHASL QSVVHKEESL GPKRQKVGFL G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	EXOSC7
Alternative Name:	EXOSC7 (EXOSC7 Products)
Background:	<p>Non-catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events. In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts (PROMPTs, and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. The RNA exosome may be involved in Ig class switch recombination (CSR and/or Ig variable region somatic hypermutation (SHM by targeting AICDA deamination activity to transcribed dsDNA substrates. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA. The catalytic inactive RNA exosome core complex of 9 subunits (Exo-9 is proposed to play a pivotal role in the binding and presentation of RNA for ribonucleolysis, and to serve as a scaffold for the association with catalytic subunits and accessory proteins or complexes.,EXOSC7,EAP1,RRP42,Rrp42p,hRrp42p,p8,Epigenetics & Nuclear Signaling,EXOSC7</p>
Molecular Weight:	31 kDa
Gene ID:	23016
UniProt:	Q15024

Application Details

Application Notes:	WB,1:200 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

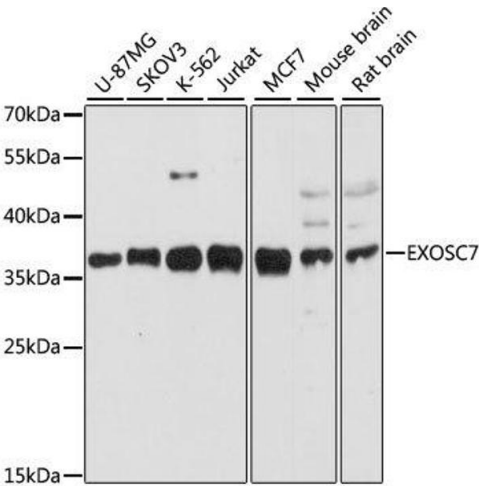
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using EXOSC7 antibody.