Datasheet for ABIN7152289

anti-EXOSC8 antibody (AA 2-276)

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1 Image

Overview

Quantity:	100 µg
Target:	EXOSC8
Binding Specificity:	AA 2-276
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Exosome complex component RRP43 protein (2-276AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	EXOSC8
Alternative Name:	EXOSC8 (EXOSC8 Products)
Background:	Background: Non-catalytic component of the RNA exosome complex which has 3\\\'->5\\\' exoribonuclease activity and participates in a multitude of cellular RNA processing and

Target Details

	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. EXOSC8 binds to ARE-containing RNAs. Aliases: bA421P11.3 antibody, CBP interacting protein 3 antibody, CIP3 antibody, EAP2 antibody, EC 3.1.13 antibody, EXOS8_HUMAN antibody, EXOSC8 antibody, Exosome complex component RRP43 antibody, Exosome complex exonuclease RRP43 antibody, Exosome component 8 antibody, OIP-2 antibody, OIP2 antibody, Opa interacting protein 2 antibody, Opa-interacting protein 2 antibody, OTTHUMP00000042274 antibody, p9 antibody, Ribosomal RNA processing protein 43 antibody, Ribosomal RNA processing protein 43, S. cerevisiae, homolog of antibody, Ribosomal RNA-processing protein 43 antibody, RP11 421P11.3 antibody, RRP43 antibody, Rrp43p antibody
UniProt:	Q96B26
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000,
Restrictions:	For Research Use only

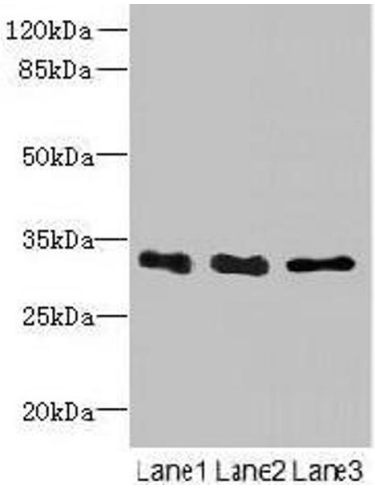
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot All lanes: EXOSC8 antibody at 4 μg/mL Lane 1: Mouse small intestine tissue Lane 2: Hela whole cell lysate Lane 3: K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 31 kDa Observed band size: 31 kDa

