

Datasheet for ABIN334484 anti-RPL17 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	RPL17
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RPL17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	RPL17
Immunogen:	Peptide with sequence RYSLDPENPTKSC, from the N Terminus of the protein sequence according to NP_000976.1, NP_001030178.1.
Sequence:	RYSLDPENPT KSC
Isotype:	IgG
Specificity:	Both reported variants represent identical protein (NP_000976.1, NP_001030178.1)
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	RPL17
Alternative Name:	RPL17 (RPL17 Products)
Background:	RPL17, ribosomal protein L17, MGC117162, rpL23, 60S ribosomal protein L17, gene encoding putative NFkB activating protein
Gene ID:	6139, 319195, 291434
NCBI Accession:	NP_000976 , NP_001030178

Application Details

Application Notes:	Western Blot: Approx 23 kDa band observed in Human Prostate lysates (calculated MW of 21.4 kDa according to NP_000976.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Smolock, Korshunov, Glazko, Qiu, Gerloff, Berk: "Ribosomal protein L17, Rpl17, is an inhibitor of vascular smooth muscle growth and carotid intima formation." in: Circulation , Vol. 126, Issue 20, pp. 2418-27, (2012) (PubMed).
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Image 1. ABIN334484 (0.3µg/ml) staining of Human Prostate lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.