Datasheet for ABIN2786563

anti-RPS15 antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	RPS15
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RPS15
Sequence:	GVYNGKTFNQ VEIKPEMIGH YLGEFSITYK PVKHGRPGIG ATHSSRFIPL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RPS15. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RPS15

Target Details

Alternative Name:	RPS15 (RPS15 Products)
Background:	The specific function of this protein remains unknown.Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S19P family of ribosomal proteins. It is located in the cytoplasm. This gene has been found to be activated in various tumors, such as insulinomas, esophageal cancers, and colon cancers. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: MGC111130, RIG, S15 Protein Interaction Partner: G2E3, UBC, CEP76, TUBGCP3, TUBG1, TP53, RPS17, RNF2, RPS2, RPS29, RPS25, RPS19, RPS10, RPS9, MDM4, MDM2, ICAM1, CD81, IGSF8, PLA2G12A, SERINC3, RAPGEF1, FN1, SMURF1, ATP6V0A1, ELAVL1, STT3B, MRPL24, PTRH2, ATP6V1D, MRPL2, RPL36, ATP6V0A2, MRPL3, TCIRG1, F Protein Size: 145
Molecular Weight:	17 kDa
Gene ID:	6209
NCBI Accession:	NM_001018, NP_001009
UniProt:	P62841
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 145 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific

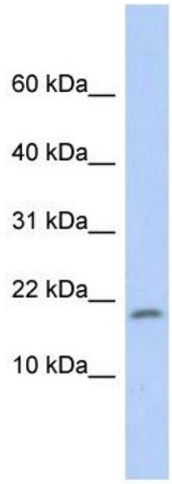
Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Stutchbury, Al-Ejeh, Stillfried, Croucher, Andrews, Irving, Links, Ranson: "Preclinical evaluation of 213Bi-labeled plasminogen activator inhibitor type 2 in an orthotopic murine xenogenic model of human breast carcinoma." in: **Molecular cancer therapeutics**, Vol. 6, Issue 1, pp. 203-12, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-RPS15 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Liver