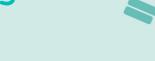
antibodies -online.com







anti-RPS2 antibody (N-Term)





Publication



Go to Product page

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Quantity:	100 μL
Target:	RPS2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio), Saccharomyces cerevisiae, Rabbit, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	RGRGARGGKA EDKEWMPVTK LGRLVKDMKI KSLEEIYLFS LPIKESEIID
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 85%, Rat: 100%, Yeast: 79%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against RPS2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RPS2
Alternative Name:	RPS2 (RPS2 Products)

Target Details

Background:

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 S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Alias Symbols: LLREP3, MGC102851, MGC117344, MGC117345, S2

Protein Interaction Partner: UBC, TP53, CEP250, TUBGCP3, TUBG1, NEDD1, STAU1, MDM2, RNF2, rev, RPS29, RPS28, RPS26, RPS25, RPS24, RPS23, RPS21, RPS20, RPS19, RPS18, RPS16, RPS15A, DYNLL1, EIF3CL, WIBG, TSR1, SND1, RPS15, RPS14, RPS13, RPS12, RPS11,

RPS10, RPS9, RPS8, RPS7, RPS6, RPS5

Protein Size: 293

Molecular Weight:	32 kDa
Gene ID:	6187
NCBI Accession:	NM_002952, NP_002943
UniProt:	P15880
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 293 AA
Restrictions:	For Research Use only

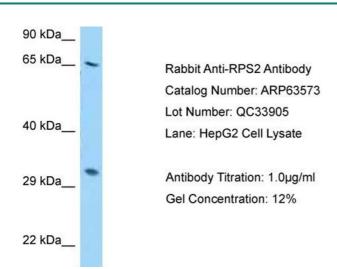
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
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.
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:	Sitron, Park, Brandman: "Asc1, Hel2, and Slh1 couple translation arrest to nascent chain degradation." in: RNA (New York, N.Y.) , Vol. 23, Issue 5, pp. 798-810, (2017) (PubMed).

Images



Western Blotting

Image 1.