

Rabbit anti-Human, Mouse RPS2 Polyclonal Antibody | anti-RPS2 antibody

RPS2 Antibody

CATALOG # AAA305554	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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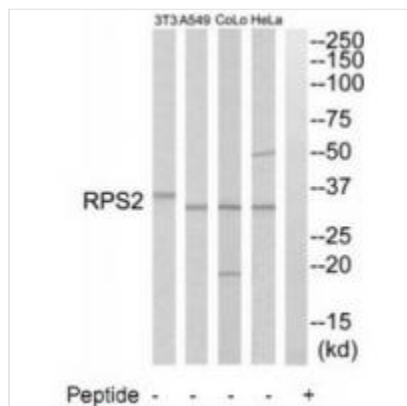
PRODUCT SYNONYMS

RPS2; Polyclonal Antibody; RPS2 Antibody; 40S ribosomal protein S2; LLREP3; LLRep3 protein; OK/KNS-cl.6; ribosomal protein S2; anti-RPS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RPS2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	293
Applicable Applications for anti-RPS2 antibody	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human RPS2.
Target Name	RPS2
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, A549 cells, COLO205 cells and NIH-3T3 cells, using RPS2 antibody (AAA305554).

ADDITIONAL INFORMATION

Related Product Information for anti-RPS2 antibody	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.Slynn G., Nucleic Acids Res. 18:681-681(1990).Ota T., Nat. Genet. 36:40-45(2004).Mural R.J., Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Product Categories/Family for anti-RPS2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	15055539
NCBI GeneID	6187
NCBI Accession #	NP_002943.2
NCBI GenBank Nucleotide #	NM_002952.3
UniProt Accession #	P15880; Q3MIB1; B2R5G0; D3DU82
Molecular Weight	31 kd (SDS-PAGE)
NCBI Official Full Name	40S ribosomal protein S2
NCBI Official Synonym Full Names	ribosomal protein S2
NCBI Official Symbol	RPS2
NCBI Official Synonym Symbols	S2; LLREP3
NCBI Protein Information	40S ribosomal protein S2
UniProt Protein Name	40S ribosomal protein S2
UniProt Gene Name	RPS2
UniProt Synonym Gene Names	RPS4
UniProt Entry Name	RS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.