Rabbit anti-Human RPS12 Polyclonal Antibody | anti-RPS12 antibody

RPS12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301742	**Rabbit**	**Human**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

RPS12; Polyclonal Antibody; RPS12 Antibody; 40S ribosomal protein S12; RS12; anti-RPS12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RPS12 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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	132
Applicable Applications for anti-RPS12 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human RPS12.
Target Name	RPS12
Preparation and Storage	Store at -20 degree C

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells, using RPS12 antibody.

WB (Western Blot)
Western blot analysis of extracts from COLO cells, using RPS12 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS12 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 S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.Herault Y., Nucleic Acids Res. 19:4001-4001(1991).Bienvenut W.V., Submitted (FEB-2008) to UniProtKB.Vladimirov S.N., Eur. J. Biochem. 239:144-149(1996).
Product Categories/Family for anti-RPS12 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14277700
NCBI GeneID	6206
NCBI Accession #	NP_001007.2
NCBI GenBank Nucleotide #	NM_001016.3
UniProt Accession #	P25398; Q76M58
Molecular Weight	14,515 Da
NCBI Official Full Name	40S ribosomal protein S12
NCBI Official Synonym Full Names	ribosomal protein S12
NCBI Official Symbol	RPS12
NCBI Official Synonym Symbols	S12
NCBI Protein Information	40S ribosomal protein S12
UniProt Protein Name	40S ribosomal protein S12
UniProt Gene Name	**RPS12**
UniProt Entry Name	RS12_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/rps12-antibody-immunofluorescence-western-blot-elisa/301742