

Rabbit RPS15 Polyclonal Antibody | anti-RPS15 antibody

RPS15 Antibody (N-term)

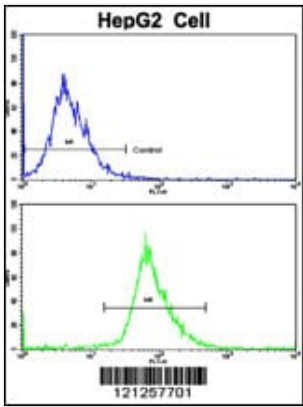
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288036	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Pig, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

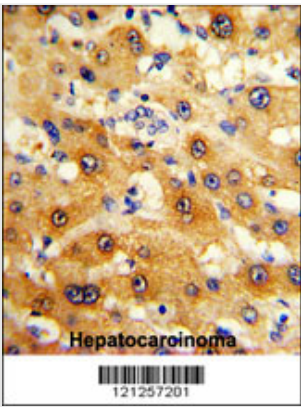
RPS15; Polyclonal Antibody; RPS15 Antibody (N-term); 40S ribosomal protein S15; RIG protein; RIG; anti-RPS15 antibody

PRODUCT SPECIFICATIONS

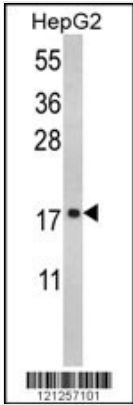
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RPS15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human RPS15.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	145
Applicable Applications for anti-RPS15 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HepG2 cells using RPS15 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with RPS15 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of RPS15 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). RPS15 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS15 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. RPS15 is a component of the 40S subunit. The protein belongs to the S19P family of ribosomal proteins. It is located in the cytoplasm.
References	Yu,Y., et.al., Protein Sci. 14 (6), 1438-1446 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506687
NCBI GeneID	6209
NCBI Accession #	NP_001009.1
NCBI GenBank Nucleotide #	NM_001018.4
UniProt Accession #	P62841; P11174; Q3KRA1; Q9UDC2; A5D8V9
Molecular Weight	17040
NCBI Official Full Name	40S ribosomal protein S15 isoform 2

NCBI Official Synonym Full Names	ribosomal protein S15
NCBI Official Symbol	RPS15
NCBI Official Synonym Symbols	RIG; S15
NCBI Protein Information	40S ribosomal protein S15
UniProt Protein Name	40S ribosomal protein S15
UniProt Gene Name	RPS15
UniProt Synonym Gene Names	RIG
UniProt Entry Name	RS15_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://www.aaabiotech.com/polyclonal/rps15-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288036>