

Rabbit RPS8 Polyclonal Antibody | anti-RPS8 antibody

RPS8 Rabbit pAb

CATALOG # AAA281944	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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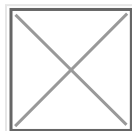
PRODUCT SYNONYMS

RPS8; Polyclonal Antibody; RPS8 Rabbit pAb; S8; anti-RPS8 antibody

PRODUCT SPECIFICATIONS

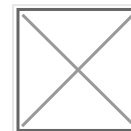
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RPS8 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human RPS8.
Positive Samples	SGC-7901, HeLa, Mouse pancreas, Mouse ovary, Rat pancreas
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



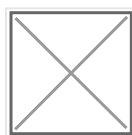
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using RPS8 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using RPS8 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RPS8 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS8 antibody	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 S8E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal tumors and colon polyps compared to matched normal colonic mucosa has been observed. This gene is co-transcribed with the small nucleolar RNA genes U38A, U38B, U39, and U40, which are located in its fourth, fifth, first, and second introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Product Categories/Family for anti-RPS8 antibody	Epigenetics & Nuclear Signaling; RNA Binding; Research; Cancer; Tumor biomarkers

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506743
NCBI GeneID	6202
NCBI Accession #	NP_001003.1
NCBI GenBank Nucleotide #	NM_001012.1
UniProt Accession #	P62241; P09058; Q6IRL7
Molecular Weight	24,205 Da
NCBI Official Full Name	40S ribosomal protein S8
NCBI Official Synonym Full Names	ribosomal protein S8
NCBI Official Symbol	RPS8
NCBI Official Synonym Symbols	S8
NCBI Protein Information	40S ribosomal protein S8; OK/SW-cl.83
UniProt Protein Name	40S ribosomal protein S8
UniProt Gene Name	RPS8
UniProt Entry Name	RS8_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/rps8-antibody-immunofluorescence-western-blot-elisa/281944>