

Rabbit RPS27 Polyclonal Antibody | anti-RPS27 antibody

RPS27 Antibody

CATALOG # AAA304740	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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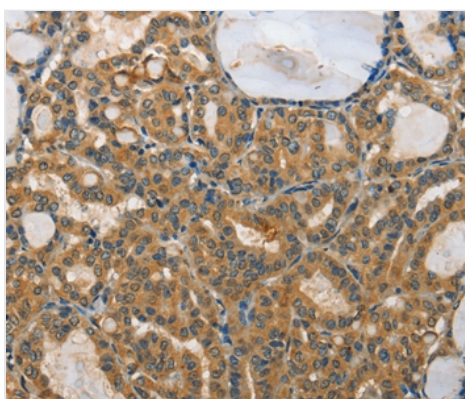
PRODUCT SYNONYMS

RPS27; Polyclonal Antibody; RPS27 Antibody; S27; MPS1; MPS-1; anti-RPS27 antibody

PRODUCT SPECIFICATIONS

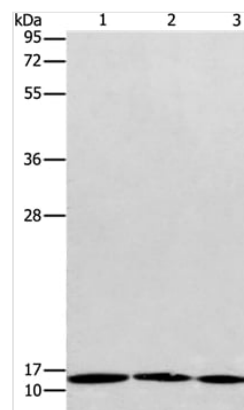
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RPS27 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.2 mg/ml (varies by lot)
Sequence Length	84
Applicable Applications for anti-RPS27 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human ribosomal protein S27
Target Name	RPS27
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/25.



Application Data

Gel: 12%SDS-PAGE Lysates (from left to right): Jurkat, K562 and Raji cell Amount of lysate: 40ug per lane Primary antibody: 1/300 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-RPS27 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 S27E family of ribosomal proteins. It contains a C4-type zinc finger domain that can bind to zinc. The encoded protein has been shown to be able to bind to nucleic acid. It is located in the cytoplasm as a ribosomal component, but it has also been detected in the nucleus. Studies in rat indicate that ribosomal protein S27 is located near ribosomal protein S18 in the 40S subunit and is covalently linked to translation initiation factor eIF3. 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-RPS27 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506711
NCBI GeneID	6232
NCBI Accession #	NP_001021.1
NCBI GenBank Nucleotide #	NM_001030.4
UniProt Accession #	P42677; Q5T4L6
Molecular Weight	9,461 Da
NCBI Official Full Name	40S ribosomal protein S27
NCBI Official Synonym Full Names	ribosomal protein S27
NCBI Official Symbol	RPS27
NCBI Official Synonym Symbols	S27; MPS1; MPS-1
NCBI Protein Information	40S ribosomal protein S27
UniProt Protein Name	40S ribosomal protein S27
UniProt Gene Name	RPS27
UniProt Synonym Gene Names	MPS1; MPS-1
UniProt Entry Name	RS27_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/rps27-antibody-immunohistochemistry-western-blot-elisa/304740>