

Rabbit RPS27A Polyclonal Antibody | anti-RPS27A antibody

RPS27A antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200932	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish	Western Blot

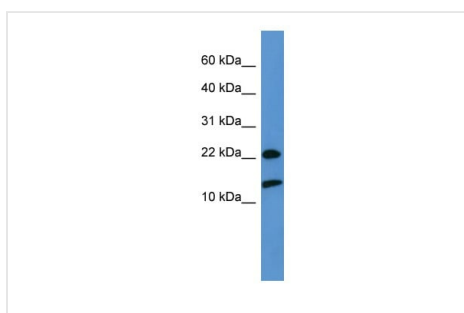
PRODUCT SYNONYMS

RPS27A; Polyclonal Antibody; RPS27A antibody - middle region; anti-RPS27A antibody

PRODUCT SPECIFICATIONS

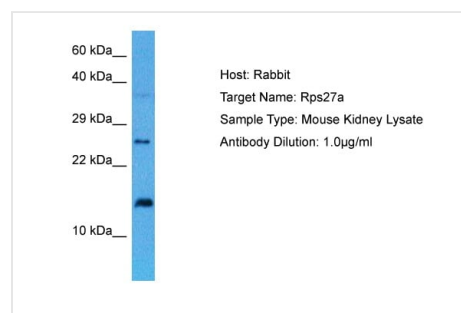
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LR GGAKKRKKKS YTPKKNKHK RKKVKLAVLK YYKVDENGKI SRLRRECP
Sequence Length	156
Applicable Applications for anti-RPS27A antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Yeast: 79%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPS27A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-RPS27A Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: 293T cell lysate
 RPS27A is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

Host: Mouse
 Target Name: RPS27A
 Sample Tissue: Mouse Kidney
 Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-RPS27A antibody	This is a rabbit polyclonal antibody against RPS27A. It was validated on Western Blot Target Description: Ubiquitin, a highly conserved protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome, is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin fused to an unrelated protein. This gene encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein S27a at the C terminus. When expressed in yeast, the protein is post-translationally processed, generating free ubiquitin monomer and ribosomal protein S27a. Ribosomal protein S27a is a component of the 40S subunit of the ribosome and belongs to the S27AE family of ribosomal proteins. It contains C4-type zinc finger domains and is located in the cytoplasm. Pseudogenes derived from this gene are present in the genome. As with ribosomal protein S27a, ribosomal protein L40 is also synthesized as a fusion protein with ubiquitin; similarly, ribosomal protein S30 is synthesized as a fusion protein with the ubiquitin-like protein fubi. Multiple alternatively spliced transcript variants that encode the same proteins have been identified.
Product Categories/Family for anti-RPS27A antibody	Polyclonal; Transcription Regulation; Drugs and Drug Metabolism; Various; DNA Repair; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506713
NCBI GeneID	6233
NCBI Accession #	NP_002945
NCBI GenBank Nucleotide #	NM_002954
UniProt Accession #	P62979
Molecular Weight	18 kDa
NCBI Official Full Name	ubiquitin-40S ribosomal protein S27a
NCBI Official Synonym Full Names	ribosomal protein S27a
NCBI Official Symbol	RPS27A
NCBI Official Synonym Symbols	UBC; S27A; CEP80; UBA80; HEL112; UBCEP1; UBCEP80
NCBI Protein Information	ubiquitin-40S ribosomal protein S27a
UniProt Protein Name	Ubiquitin-40S ribosomal protein S27a
UniProt Gene Name	RPS27A
UniProt Synonym Gene Names	UBA80; UBCEP1
UniProt Entry Name	RS27A_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/rps27a-antibody-western-blot-elisa/200932>