

Rabbit RPS3A Polyclonal Antibody | anti-RPS3A antibody

RPS3A Antibody (C-term)

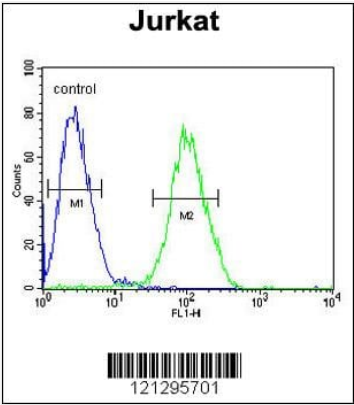
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283962	Rabbit	Human (Predicted Reactivity: Xenopus, Bovine, Monkey, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

RPS3A; Polyclonal Antibody; RPS3A Antibody (C-term); 40S ribosomal protein S3a {ECO:0000255|HAMAP-Rule:MF_03122}; v-fos transformation effector protein; Fte-1; RPS3A {ECO:0000255|HAMAP-Rule:MF_03122}; FTE1; MFTL; anti-RPS3A antibody

PRODUCT SPECIFICATIONS

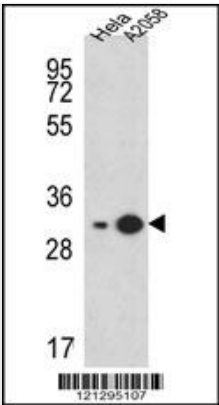
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Xenopus, Bovine, Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RPS3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-254 amino acids from the C-terminal region of human RPS3A.
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	228-254
Sequence Length	264
Applicable Applications for anti-RPS3A 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)
RPS3A Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
RPS3A Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RPS3A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
RPS3A Antibody (C-term) western blot analysis in HeLa, A2058 cell line lysates (15ug/lane). This demonstrates the RPS3A antibody detected the RPS3A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPS3A 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 S3AE family of ribosomal proteins. It is located in the cytoplasm. Disruption of the gene encoding rat ribosomal protein S3a, also named v-fos transformation effector protein, in v-fos-transformed rat cells results in reversion of the transformed phenotype. Transcript variants utilizing alternative transcription start sites have been described. This gene is co-transcribed with the U73A and U73B small nucleolar RNA genes, which are located in its fourth and third introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
References	Maggi, L.B. Jr., et al. Mol. Cell. Biol. 28(23):7050-7065(2008) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Jonson, L., et al. Mol. Cell Proteomics 6(5):798-811(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506723
NCBI GeneID	6189
NCBI Accession #	NP_000997.1
NCBI GenBank Nucleotide #	NM_001006.4
UniProt Accession #	P61247; P33443; P49241; B2R4D4; D3DP05
Molecular Weight	29945
NCBI Official Full Name	40S ribosomal protein S3a isoform 1
NCBI Official Synonym Full Names	ribosomal protein S3A
NCBI Official Symbol	RPS3A
NCBI Official Synonym Symbols	S3A; FTE1; MFTL
NCBI Protein Information	40S ribosomal protein S3a
UniProt Protein Name	40S ribosomal protein S3a
UniProt Gene Name	RPS3A
UniProt Synonym Gene Names	Fte-1
UniProt Entry Name	RS3A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rps3a-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283962>