

Mouse RPS3 Monoclonal Antibody | anti-RPS3 antibody

anti-RPS3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA248073	Mouse	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

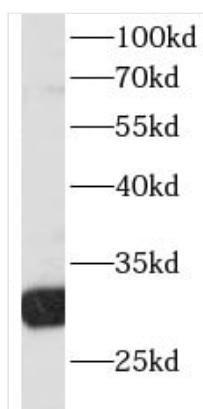
PRODUCT SYNONYMS

RPS3; Monoclonal Antibody; anti-RPS3 antibody; 40S ribosomal protein S3; ribosomal protein S3

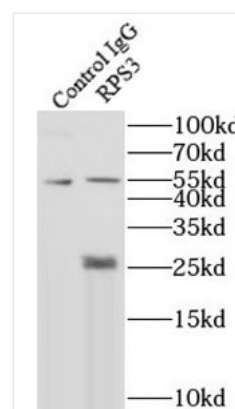
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5C7
Specificity	Please decide the specificity by homology.
Purity/Purification	Purification: Protein A+G purification Purity: > = 95% as determined by SDS-PAGE
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Sequence Length	207
Applicable Applications for anti-RPS3 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Ribosomal protein S3
Preparation and Storage	-20 degree C for 12 months (Avoid repeated freeze / thaw cycles.)

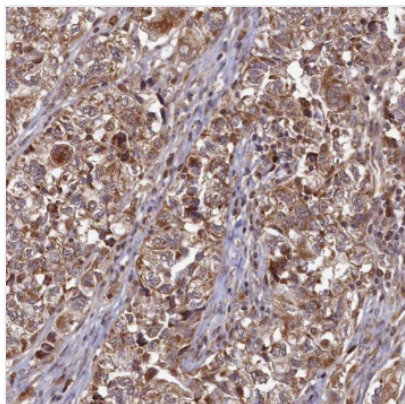
IMAGES


WB (Western Blot)

RAW 264.7 cells were subjected to SDS PAGE followed by western blot with AAA248073 (RPS3 Antibody) at dilution of 1:8000


IP (Immunoprecipitation)

IP Result of anti-RPS3 (IP: AAA248073, 3ug; Detection: AAA248073 1:600) with mouse testis tissue lysate 4000ug.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using AAA248073 (RPS3 Antibody) at dilution of 1:100 heat mediated antigen retrieved with Tris-EDTA buffer (pH9).

ADDITIONAL INFORMATION

Related Product Information for anti-RPS3 antibody

40S ribosomal protein S3 (RPS3), also named as SW-cl.26, is a 243 amino acid protein, which contains one KH type-2 domain and belongs to the ribosomal protein S3P family. RPS3 localizes in the cytoplasm. RPS3 is identified in a IGF2BP1-dependent mRNP granule complex, which contains untranslated mRNAs. RPS3 plays a role in repairing various DNA damage acting as a repair UV endonuclease. Nuclear accumulation of RPS3 results in an increase in DNA repair activity to some extent, thereby sustaining neuronal survival. The calculated molecular weight of RPS3 is 26 kDa, but the modified RPS3 is about 33 kDa.

NCBI AND UNIPROT INFORMATION

NCBI GI #	937635434
UniProt Accession #	P23396
Molecular Weight	33 kDa
NCBI Official Full Name	Rps3, partial (chloroplast)
UniProt Protein Name	30S ribosomal protein S3, chloroplastic
UniProt Gene Name	rps3
UniProt Entry Name	A0A0S0ZLM5_9ASTE

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/monoclonal/rps3-antibody-clone-5c7-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/248073>