

Rabbit RPS3A Antibody | anti-RPS3A antibody

RPS3A Polyclonal Antibody

CATALOG # AAA28136	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation
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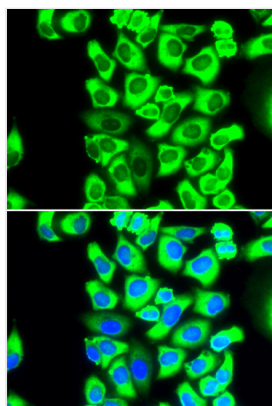
PRODUCT SYNONYMS

RPS3A; RPS3A Polyclonal Antibody; S3A; FTE1; MFTL; anti-RPS3A antibody

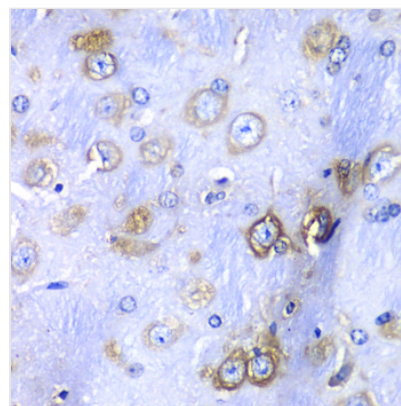
PRODUCT SPECIFICATIONS

Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Applicable Applications for anti-RPS3A antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200 IP: 1:50 - 1:100
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-264 of human RPS3A (NP_000997.1).
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

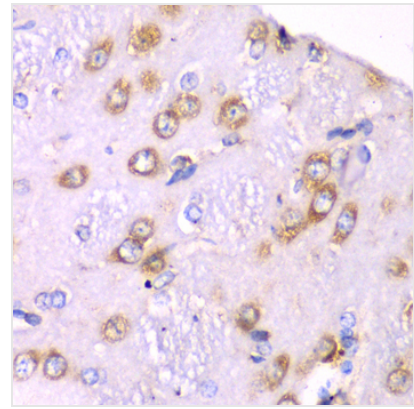
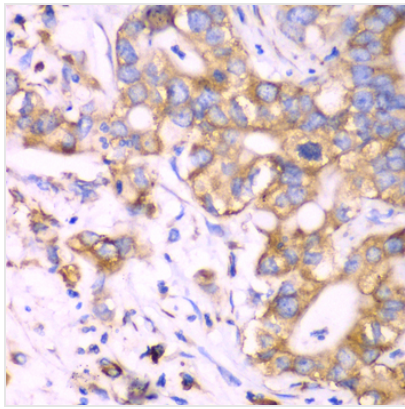
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using RPS3A antibody (AAA28136). Blue: DAPI for nuclear staining.

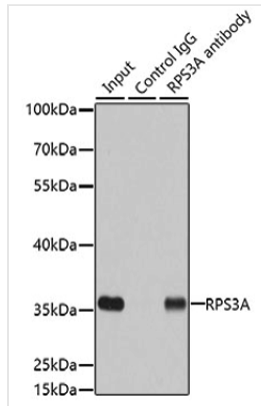

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using RPS3A Antibody (AAA28136) at dilution of 1:100 (40x lens).

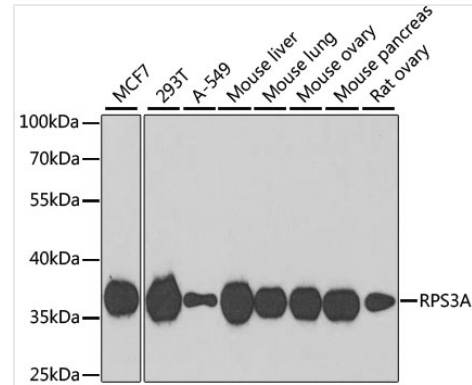


IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using RPS3A Antibody (AAA28136) at dilution of 1:100 (40x lens).

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using RPS3A Antibody (AAA28136) at dilution of 1:100 (40x lens).



IP (Immunoprecipitation)
Immunoprecipitation analysis of 200ug extracts of MCF7 cells using 3ug RPS3A antibody (AAA28136). Western blot was performed from the immunoprecipitate using RPS3A antibody (AAA28136) at a dilution of 1:500.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RPS3A antibody (AAA28136) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) 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-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. 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. Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-RPS3A antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	47117764
NCBI GeneID	6189
UniProt Accession #	P61247; P33443; P49241; B2R4D4; D3DP05
Molecular Weight	Observed MW: 35 kDa Calculated MW: 29 kDa
NCBI Official Full Name	40S ribosomal protein S3a

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; RPS3A; fte-1; v-fos transformation effector protein 1
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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-antibody/rps3a/28136>