

Rabbit RPS10 Polyclonal Antibody | anti-RPS10 antibody

RPS10 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313913	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

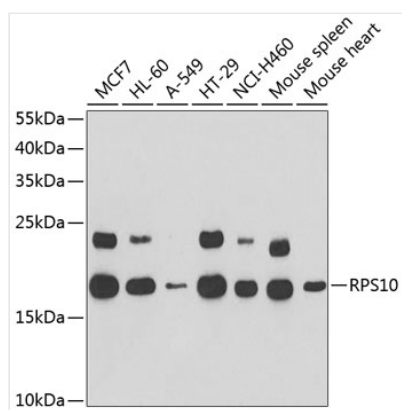
PRODUCT SYNONYMS

RPS10; Polyclonal Antibody; RPS10 Rabbit Polyclonal Antibody; DBA9; S10; anti-RPS10 antibody

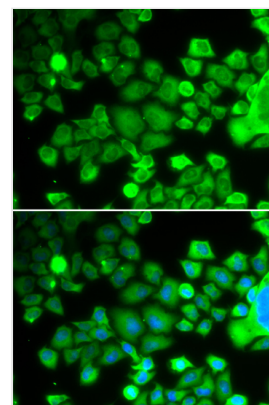
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RPS10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RPS10 (NP_001190174.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

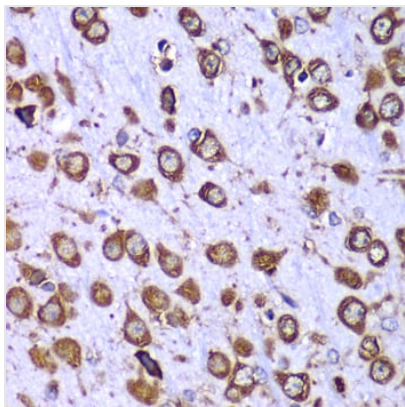
IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RPS10 at 1:1000 dilution.

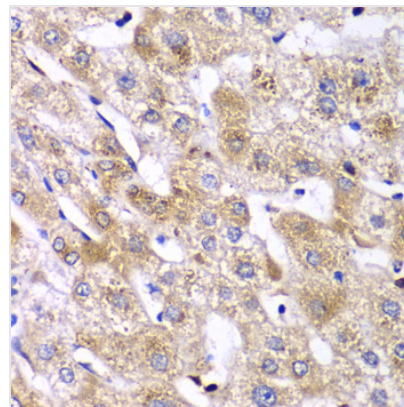

IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using RPS10. Blue: DAPI for nuclear staining.



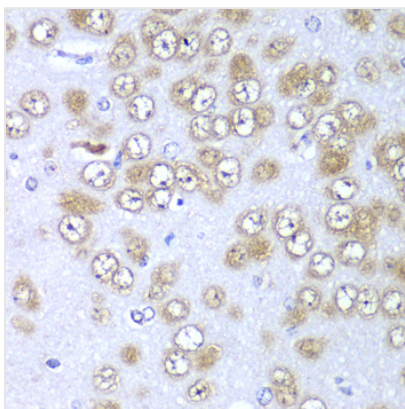
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using RPS10 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver damage using RPS10 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using RPS10 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-RPS10 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 S10E family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternate splicing results in multiple transcript variants that encode the same protein. Naturally occurring read-through transcription occurs between this locus and the neighboring locus NUDT3 (nudix (nucleoside diphosphate linked moiety X)-type motif 3).
Product Categories/Family for anti-RPS10 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506679
NCBI GeneID	6204
NCBI Accession #	NP_001005.1
NCBI GenBank Nucleotide #	NM_001014.4
UniProt Accession #	P46783 ; Q5TZC0 ; B2R4E3
Molecular Weight	18,898 Da

NCBI Official Full Name	40S ribosomal protein S10
NCBI Official Synonym Full Names	ribosomal protein S10
NCBI Official Symbol	RPS10
NCBI Official Synonym Symbols	S10; DBA9
NCBI Protein Information	40S ribosomal protein S10
UniProt Protein Name	40S ribosomal protein S10
UniProt Gene Name	RPS10
UniProt Entry Name	RS10_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/rps10-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313913>