

Rabbit RPL3 Polyclonal Antibody | anti-RPL3 antibody

RPL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324388	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RPL3; Polyclonal Antibody; RPL3 Antibody; 60S ribosomal protein L3; HIV-1 TAR RNA-binding protein B; HIV1 TAR RNA binding protein B; MGC103388; MGC104284; MGC72934; Ribosomal protein L3; isoform a; RL3_HUMAN; rpl3; TARBP B; TARBP-B; anti-RPL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPL3 antibody detects endogenous levels of total RPL3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	403
Applicable Applications for anti-RPL3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324388 staining HT29 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293, using RPL3 Antibody.



IHC (Immunohistochemistry)

AAA324388 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from HT-29 cells, using RPL3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL3 antibody

Function: The L3 protein is a component of the large subunit of cytoplasmic ribosomes.
Subunit Structure: Component of the large ribosomal subunit (Probable). Interacts with METTL18 (PubMed:23349634). Interacts with DHX33 (PubMed:26100019).
Similarity: Belongs to the universal ribosomal protein uL3 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506649
NCBI GeneID	6122
NCBI Accession #	NP_000958.1
NCBI GenBank Nucleotide #	NM_000967.3
UniProt Accession #	P39023; Q15548; Q5I0G0; B2RDV9
Molecular Weight	Observed: 46 kD Predicted: 47 kDa
NCBI Official Full Name	60S ribosomal protein L3 isoform a
NCBI Official Synonym Full Names	ribosomal protein L3
NCBI Official Symbol	RPL3
NCBI Official Synonym Symbols	L3; ASC-1; TARBP-B
NCBI Protein Information	60S ribosomal protein L3
UniProt Protein Name	60S ribosomal protein L3
UniProt Gene Name	RPL3
UniProt Synonym Gene Names	TARBP-B

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/rpl3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324388>