

Rabbit RPS4X Polyclonal Antibody | anti-RPS4X antibody

RPS4X Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324369	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

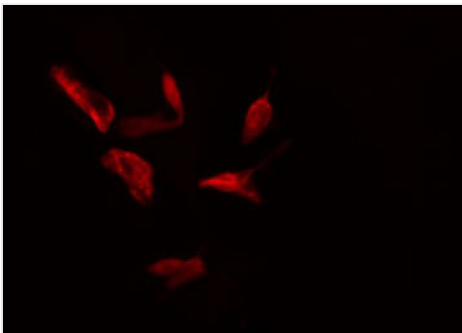
PRODUCT SYNONYMS

RPS4X; Polyclonal Antibody; RPS4X Antibody; 40S ribosomal protein S4; CCG2; Cell cycle gene 2; DXS306; FLJ40595; ribosomal protein S4; X-linked; Ribosomal protein S4X isoform; RPS4; rps4x; RS4X_HUMAN; S4; SCAR; SCR10; Single copy abundant mRNA protein; Single-copy abundant mRNA; X isoform; anti-RPS4X antibody

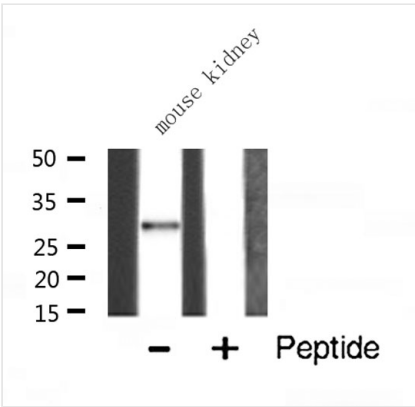
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPS4X antibody detects endogenous levels of total RPS4X
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	263
Applicable Applications for anti-RPS4X antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.
Predicted Cross Reactivity	Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Zebrafish (89%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (89%), Xenopus (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

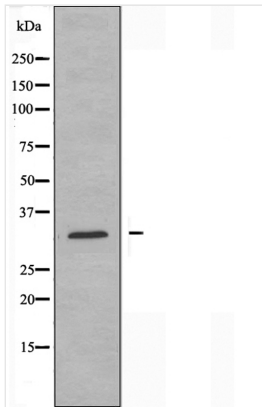
IMAGES



IF (Immunofluorescence)
AAA324369 staining HeLa 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 RPS4X expression in Mouse kidney lysate



WB (Western Blot)
Western blot analysis of extracts from COLO cells using RPS4X antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS4X antibody	Subunit Structure: Identified in a IGF2BP1-dependent mRNP granule complex containing untranslated mRNAs. Similarity: Belongs to the eukaryotic ribosomal protein eS4 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506725
NCBI GeneID	6191
NCBI Accession #	NP_000998.1
NCBI GenBank Nucleotide #	NM_001007.4
UniProt Accession #	P62701; P12631; P12750; P27576; P55831; Q14727; Q6IPY4
Molecular Weight	Observed: 30 kD Predicted: 30 kDa
NCBI Official Full Name	40S ribosomal protein S4, X isoform
NCBI Official Synonym Full Names	ribosomal protein S4 X-linked
NCBI Official Symbol	RPS4X
NCBI Official Synonym Symbols	S4; CCG2; RPS4; SCAR; SCR10; DXS306

NCBI Protein Information	40S ribosomal protein S4, X isoform
UniProt Protein Name	40S ribosomal protein S4, X isoform
UniProt Gene Name	RPS4X
UniProt Synonym Gene Names	CCG2; RPS4; SCAR

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/rps4x-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324369>