

Rabbit RPS20 Polyclonal Antibody | anti-RPS20 antibody

RPS20 Antibody

CATALOG # AAA324365	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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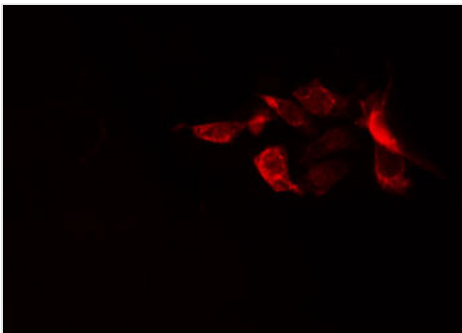
PRODUCT SYNONYMS

RPS20; Polyclonal Antibody; RPS20 Antibody; 40S ribosomal protein S20; Ribosomal protein S20; RPS 20; RpS20; RS20_HUMAN; S20; anti-RPS20 antibody

PRODUCT SPECIFICATIONS

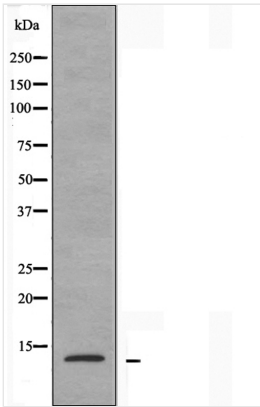
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPS20 antibody detects endogenous levels of total RPS20
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	119
Applicable Applications for anti-RPS20 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (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)

AAA324365 staining HuvEc 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 HUVEC cells using RPS20 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS20 antibody

Subunit Structure: Component of the 40S small ribosomal subunit.
Post-translational Modifications: Monoubiquitinated by ZNF598 when a ribosome has stalled during translation of poly(A) sequences, leading to preclude synthesis of a long poly-lysine tail and initiate the ribosome quality control (RQC) pathway to degrade the potentially detrimental aberrant nascent polypeptide (PubMed:28065601, PubMed:28132843).
Similarity: Belongs to the universal ribosomal protein uS10 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506697
NCBI GeneID	6224
NCBI Accession #	NP_001014.1
NCBI GenBank Nucleotide #	NM_001023.3
UniProt Accession #	P60866; P17075; Q5M8S9; B2R4F4; B4DW28
Molecular Weight	Observed: 13 kD Predicted: 14 kDa
NCBI Official Full Name	40S ribosomal protein S20 isoform 2
NCBI Official Synonym Full Names	ribosomal protein S20
NCBI Official Symbol	RPS20
NCBI Official Synonym Symbols	S20; uS10
NCBI Protein Information	40S ribosomal protein S20
UniProt Protein Name	40S ribosomal protein S20
UniProt Gene Name	RPS20

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.