

Rabbit Ribosomal Protein S29 Polyclonal Antibody | anti-RPS29 antibody

Ribosomal Protein S29 Antibody

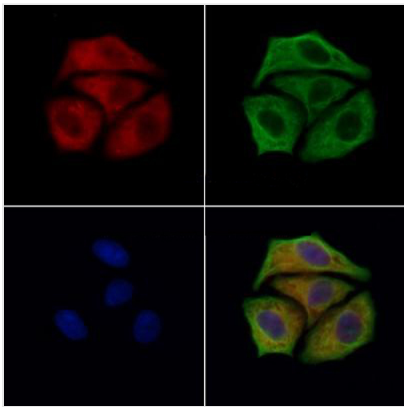
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31209	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(88%), Bovine(100%), Horse(100%), Rabbit(100%), Chicken(100%), Xenopus(100%)	ELISA

PRODUCT SYNONYMS

Ribosomal Protein S29; Polyclonal Antibody; Ribosomal Protein S29 Antibody; 40S ribosomal protein S29; OTTHUMP00000178928; OTTHUMP00000178929; RPS 29; RpS29; RS29_HUMAN; S29; anti-RPS29 antibody

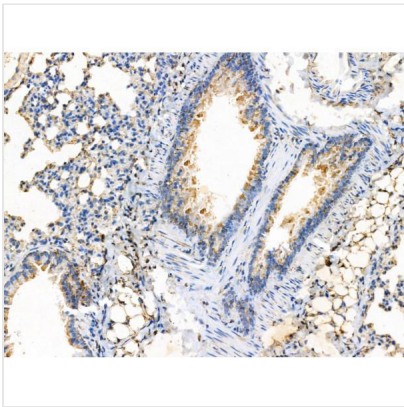
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(88%), Bovine(100%), Horse(100%), Rabbit(100%), Chicken(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Ribosomal Protein S29 Antibody detects endogenous levels of total Ribosomal Protein S29.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	56
Applicable Applications for anti-RPS29 antibody	ELISA
Application Notes	IF: 1:100-1:500 ICC: 1:100-1:500 WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human Ribosomal Protein S29, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



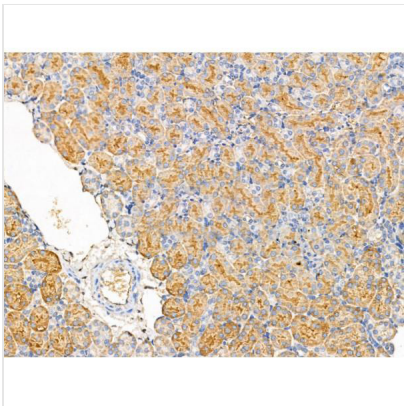
IF (Immunofluorescence)

AAA31209 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31209 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



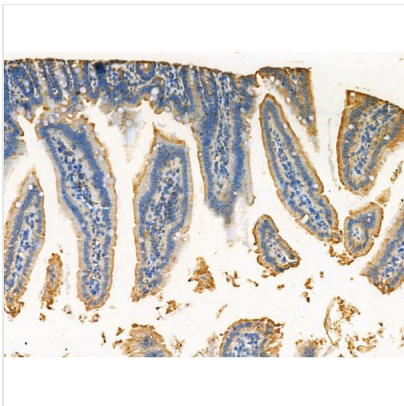
IHC (Immunohistochemistry-Paraffin)

AAA31209 at 1/100 staining Mouse lung 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



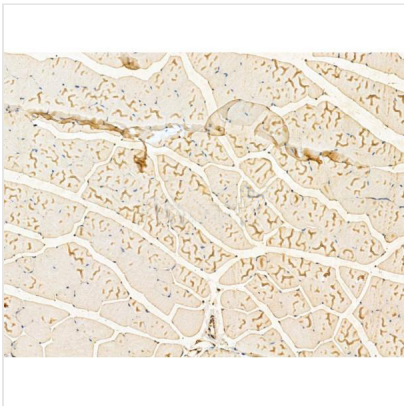
IHC (Immunohistochemistry-Paraffin)

AAA31209 at 1/100 staining Mouse kidney 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



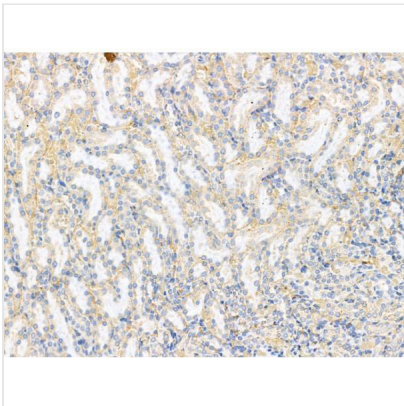
IHC (Immunohistochemistry-Paraffin)

AAA31209 at 1/100 staining Mouse colorectal 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31209 at 1/100 staining Mouse muscle 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31209 at 1/100 staining Rat kidney 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS29 antibody	Subcellular Location: Cytoplasm>Cytosol. Cytoplasm. Rough endoplasmic reticulum. Note: Detected on cytosolic polysomes (PubMed:25957688). Detected in ribosomes that are associated with the rough endoplasmic reticulum (By similarity).
	Subunit Structure: Component of the 40S small ribosomal subunit.
	Similarity: Belongs to the universal ribosomal protein uS14 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506717
NCBI GeneID	6235
NCBI Accession #	NP_001023.1
NCBI GenBank Nucleotide #	NP_001023.1
UniProt Accession #	P62273
Molecular Weight	Observed Molecular Weight: (Observed)6kD. Predicted Molecular Weight: (Calculated)7kDa.
NCBI Official Full Name	40S ribosomal protein S29 isoform 1
NCBI Official Synonym Full Names	ribosomal protein S29
NCBI Official Symbol	RPS29
NCBI Official Synonym Symbols	S29; uS14; DBA13
NCBI Protein Information	40S ribosomal protein S29
UniProt Protein Name	40S ribosomal protein S29
UniProt Gene Name	RPS29
UniProt Entry Name	RS29_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.