

Rabbit RS18 Polyclonal Antibody | anti-RPS18 antibody

RS18 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284888	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

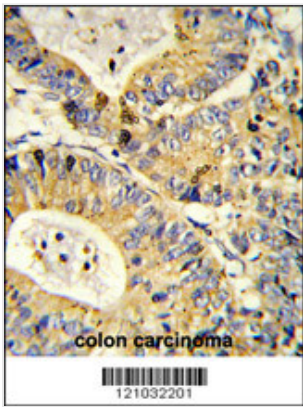
PRODUCT SYNONYMS

RS18; Polyclonal Antibody; RS18 Antibody (Center); 40S ribosomal protein S18; Ke-3; Ke3; RPS18; D6S218E; anti-RPS18 antibody

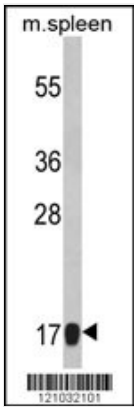
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RS18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-91 amino acids from the Central region of human RS18.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	62-91
Sequence Length	152
Applicable Applications for anti-RPS18 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma reacted with RS18 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of RS18 Antibody (Center) in mouse spleen tissue lysates (35ug/lane). RS18 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS18 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 protein is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S13P family of ribosomal proteins. It is located in the cytoplasm.
References	Yu,Y., Ji,H., et.al., Protein Sci. 14 (6), 1438-1446 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11968182
NCBI GeneID	6222
NCBI Accession #	NP_072045.1
NCBI GenBank Nucleotide #	NM_022551.2
UniProt Accession #	P62269; P25232; Q5SUJ3; Q6IPF8
Molecular Weight	17719
NCBI Official Full Name	40S ribosomal protein S18
NCBI Official Synonym Full Names	ribosomal protein S18
NCBI Official Symbol	RPS18
NCBI Official Synonym Symbols	KE3; S18; HKE3; KE-3; D6S218E
NCBI Protein Information	40S ribosomal protein S18
UniProt Protein Name	40S ribosomal protein S18
UniProt Gene Name	RPS18
UniProt Synonym Gene Names	D6S218E; Ke3
UniProt Entry Name	RS18_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.

