

Rabbit RPS29 Polyclonal Antibody | anti-RPS29 antibody

RPS29 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198621	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot, Immunohistochemistry

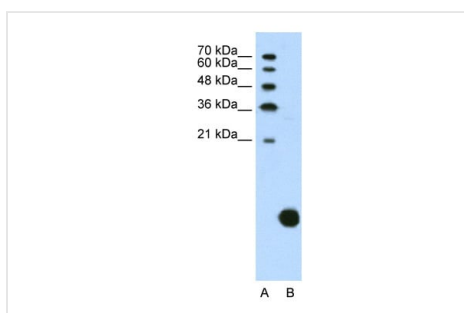
PRODUCT SYNONYMS

RPS29; Polyclonal Antibody; RPS29 antibody - N-terminal region; anti-RPS29 antibody

PRODUCT SPECIFICATIONS

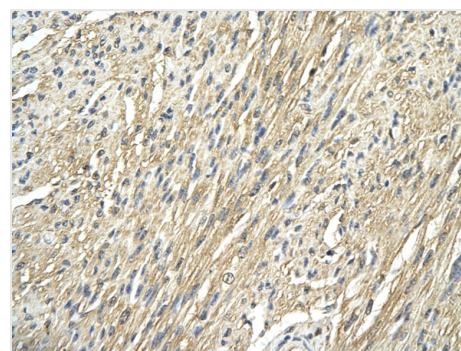
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YW SHPRKFGQGS RSCRVC SNRH GLIRKYGLNM CRQCFRQYAK DIGFIKLD
Sequence Length	56
Applicable Applications for anti-RPS29 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 86%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 75%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RPS29
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-RPS29 Antibody Titration: 1.25ug/ml
Positive Control: Jurkat cell lysate
RPS29 is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Rabbit Anti-RPS29 antibody
Paraffin Embedded Tissue: Human Heart
Cellular Data: cardiac cells
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-RPS29 antibody	This is a rabbit polyclonal antibody against RPS29. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. RPS29 is a ribosomal protein that is a component of the 40S subunit and a member of the S14P family of ribosomal proteins. The protein, which contains a C2-C2 zinc finger-like domain that can bind to zinc, can enhance the tumor suppressor activity of Ras-related protein 1A (KREV1). It is located in the cytoplasm. 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 gene encodes a ribosomal protein that is a component of the 40S subunit and a member of the S14P family of ribosomal proteins. The protein, which contains a C2-C2 zinc finger-like domain that can bind to zinc, can enhance the tumor suppressor activity of Ras-related protein 1A (KREV1). It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Product Categories/Family for anti-RPS29 antibody	Polyclonal; RNA Binding Proteins; Drugs and Drug Metabolism; Disease Related; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506717
NCBI GeneID	6235
NCBI Accession #	NP_001023
NCBI GenBank Nucleotide #	NM_001032
UniProt Accession #	P62273
Molecular Weight	6kDa
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.