

Rabbit Ribosomal Protein L5 Polyclonal Antibody | anti-RPL5 antibody

Ribosomal Protein L5 Polyclonal Antibody

CATALOG # AAA295737	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

Ribosomal Protein L5; Polyclonal Antibody; Ribosomal Protein L5 Polyclonal Antibody; RPL5; MSTP030; 60S ribosomal protein L5; anti-RPL5 antibody

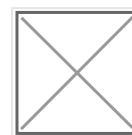
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-RPL5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.
Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL5 antibody	Component of the ribosome, a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell. The small ribosomal subunit (SSU) binds messenger RNAs (mRNAs) and translates the encoded message by selecting cognate aminoacyl- transfer RNA (tRNA) molecules. The large subunit (LSU) contains the ribosomal catalytic site termed the peptidyl transferase center (PTC), which catalyzes the formation of peptide bonds, thereby polymerizing the amino acids delivered by tRNAs into a polypeptide chain. The nascent polypeptides leave the ribosome through a tunnel in the LSU and interact with protein factors that function in enzymatic processing, targeting, and the membrane insertion of nascent chains at the exit of the ribosomal tunnel. As part of the 5S RNP/5S ribonucleoprotein particle it is an essential component of the LSU, required for its formation and the maturation of rRNAs (PubMed:19061985, PubMed:24120868, PubMed:23636399). It also couples ribosome biogenesis to p53/TP53 activation. As part of the 5S RNP it accumulates in the nucleoplasm and inhibits MDM2, when ribosome biogenesis is perturbed, mediating the stabilization and the activation of TP53 (PubMed:24120868).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	14591909
NCBI GeneID	6125
NCBI Accession #	NP_000960.2
NCBI GenBank Nucleotide #	NM_000969.3

UniProt Accession #	P46777; Q32LZ3; Q53HH6; Q9H3F4
Molecular Weight	34,363 Da
NCBI Official Full Name	60S ribosomal protein L5
NCBI Official Synonym Full Names	ribosomal protein L5
NCBI Official Symbol	RPL5
NCBI Official Synonym Symbols	L5; DBA6; MSTP030
NCBI Protein Information	60S ribosomal protein L5
UniProt Protein Name	60S ribosomal protein L5
UniProt Gene Name	RPL5
UniProt Entry Name	RL5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ribosomal-protein-l5-antibody-immunohistochemistry-western-blot-elisa/295737>