

Rabbit RPL15 Polyclonal Antibody | anti-RPL15 antibody

RPL15 Antibody (N-term)

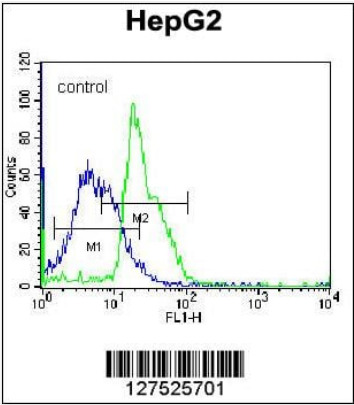
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285850	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Monkey, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

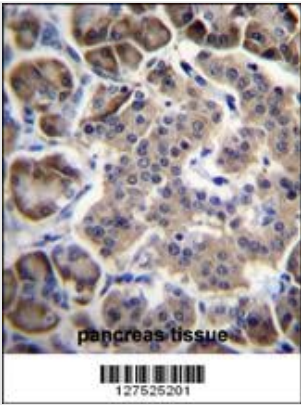
RPL15; Polyclonal Antibody; RPL15 Antibody (N-term); 60S ribosomal protein L15; EC45; anti-RPL15 antibody

PRODUCT SPECIFICATIONS

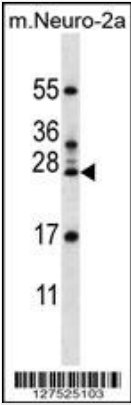
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Monkey, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RPL15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-50 amino acids from the N-terminal region of human RPL15.
Purity/Purification	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	21-50
Sequence Length	204
Applicable Applications for anti-RPL15 antibody	FCM/FACS (Flow Cytometry), 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.



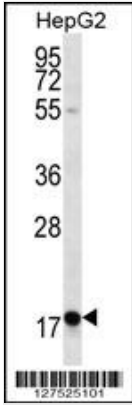
FCM/FACS (Flow Cytometry)
RPL15 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
RPL15 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RPL15 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
RPL15 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the RPL15 antibody detected the RPL15 protein (arrow).



WB (Western Blot)
RPL15 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the RPL15 antibody detected the RPL15 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPL15 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 gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L15E family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with the yeast ribosomal protein YL10 gene. Although this gene has been referred to as RPL10, its official symbol is RPL15. This gene has been shown to be overexpressed in some esophageal tumors compared to normal matched tissues. Transcript variants utilizing alternative polyA signals exist. 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-RPL15 antibody	Cancer
References	Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) : Wang, H., et al. BMC Cancer 6, 91 (2006) : Andersen, J.S., et al. Nature 433(7021):77-83(2005) Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) : Mazumder, B., et al. Cell 115(2):187-198(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	358356396
NCBI GeneID	6138
NCBI Accession #	NP_001240308.1; NP_001240309.1; NP_001240311.1; NP_001240312.1; NP_001240313.1; NP_002939.2
NCBI GenBank Nucleotide #	NM_001253379.1
UniProt Accession #	P61313; P39030; P41051; Q5U0C0; Q642I1; Q6IPX6; Q8WYP2; Q96C44; Q9H2E5
Molecular Weight	24146
NCBI Official Full Name	60S ribosomal protein L15 isoform 1
NCBI Official Synonym Full Names	ribosomal protein L15
NCBI Official Symbol	RPL15
NCBI Official Synonym Symbols	L15; EC45; DBA12; RPL10; RPLY10; RPYL10
NCBI Protein Information	60S ribosomal protein L15
UniProt Protein Name	60S ribosomal protein L15
UniProt Gene Name	RPL15
UniProt Synonym Gene Names	EC45
UniProt Entry Name	RL15_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rpl15-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285850>