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RPL28 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12499b

Specification

RPL28 Antibody (C-term) Blocking peptide - Product Information

Primary Accession P46779

RPL28 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 6158

Other Names
60S ribosomal protein L28, RPL28

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RPL28 Antibody (C-term) Blocking peptide - Protein Information

Name RPL28

Function
Component of the large ribosomal subunit (PubMed:12962325, PubMed:23636399, PubMed:32669547). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:12962325, PubMed:23636399, PubMed:32669547).

Cellular Location
Cytoplasm.

RPL28 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

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- Blocking Peptides

RPL28 Antibody (C-term) Blocking peptide - Images

RPL28 Antibody (C-term) Blocking peptide - Background

Ribosomes, the organelles that catalyze protein synthesis,consist of a small 40S subunit and a large 60S subunit. Togetherthese subunits are composed of 4 RNA species and approximately 80structurally distinct proteins. This gene encodes a ribosomalprotein that is a component of the 60S subunit. The protein belongsto the L28E family of ribosomal proteins. It is located in thecytoplasm. Variable expression of this gene in colorectal cancerscompared to adjacent normal tissues has been observed, although nocorrelation between the level of expression and the severity of thedisease has been found. As is typical for genes encoding ribosomalproteins, there are multiple processed pseudogenes of this genedispersed through the genome. Alternative splicing results inmultiple transcript variants encoding distinct isoforms.

RPL28 Antibody (C-term) Blocking peptide - References

Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Andersen, J.S., et al. Nature 433(7021):77-83(2005)Colland, F., et al. Genome Res. 14(7):1324-1332(2004)Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) :