

Product datasheet for **TA324213**

RPL15 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human colon cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ribosomal protein L15
Database Link:	NP_002939 Entrez Gene 66480 Mouse Entrez Gene 245981 Rat Entrez Gene 6138 Human P61313



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Background:

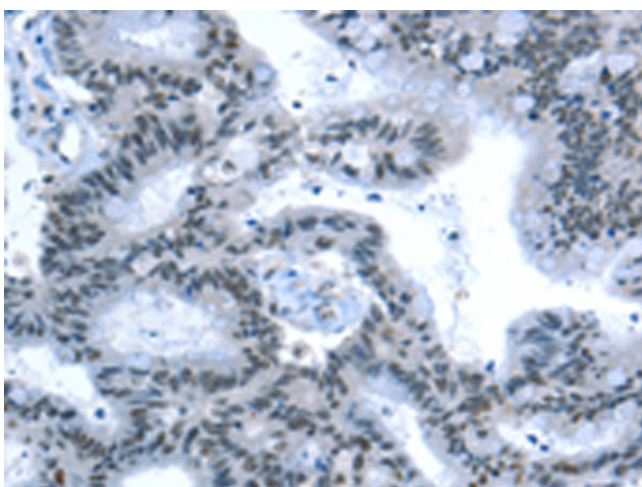
Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The 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. Alternate splicing results in multiple transcript variants. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Synonyms:

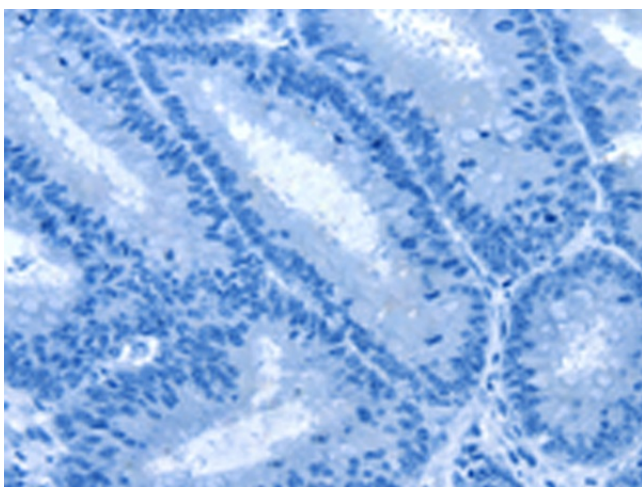
DBA12; EC45; L15; RPL10; RPLY10; RPYL10

Protein Pathways:

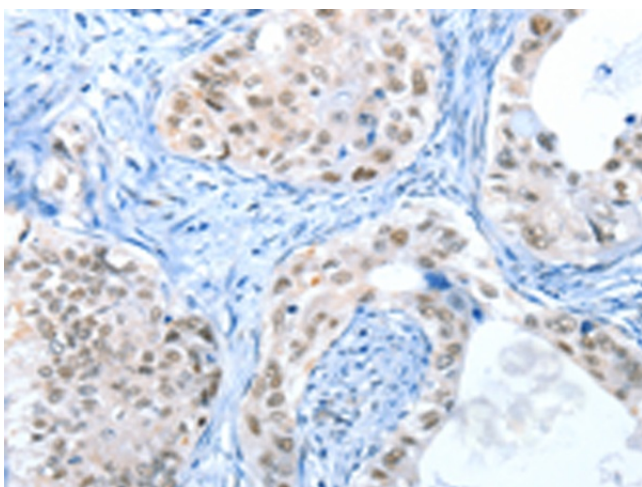
Ribosome

Product images:

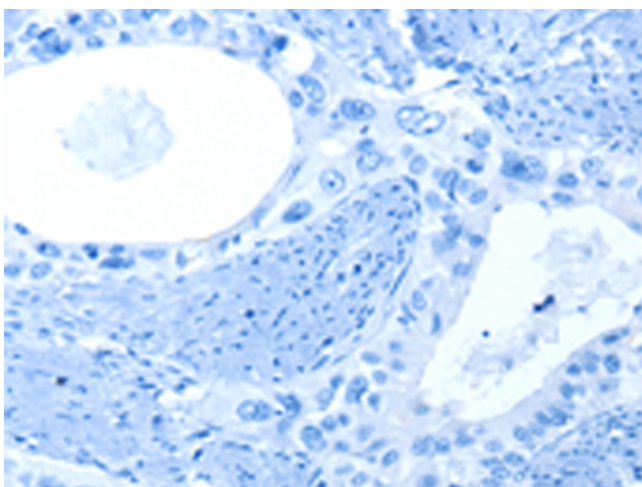
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA324213 (RPL15 Antibody) at dilution 1/25 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA324213 (RPL15 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA324213 (RPL15 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA324213 (RPL15 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)