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Product datasheet for TA807662

RPL10 Mouse Monoclonal Antibody [Clone ID: OTI6B11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6B11
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human RPL10 (NP_006004) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	24.4 kDa
Gene Name:	ribosomal protein L10
Database Link:	NP_006004 Entrez Gene 81764 RatEntrez Gene 110954 MouseEntrez Gene 6134 Human P27635

View online »

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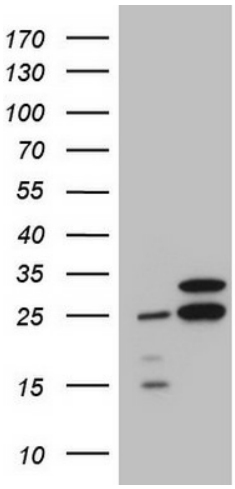
Background: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of four RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L10E family of ribosomal proteins. It is located in the cytoplasm. In vitro studies have shown that the chicken protein can bind to c-Jun and can repress c-Jun-mediated transcriptional activation, but these activities have not been demonstrated in vivo. This gene was initially identified as a candidate for a Wilms tumor suppressor gene, but later studies determined that this gene is not involved in the suppression of Wilms tumor. This gene has been referred to as 'laminin receptor homolog' because a chimeric transcript consisting of sequence from this gene and sequence from the laminin receptor gene was isolated; however, it is not believed that this gene encodes a laminin receptor. Alternative splicing results in multiple transcript variants. This gene also uses multiple polyA signals, with the 3'-most polyA signal overlapping the deoxyribonuclease I-like 1 gene on the opposite strand. This gene is co-transcribed with the small nucleolar RNA gene U70, which is located in its fifth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Feb

Synonyms: AUTSX5; DXS648; DXS648E; L10; NOV; QM

Protein Families: Druggable Genome

Protein Pathways: Ribosome

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY RPL10 (Cat# [RC201613], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RPL10 (Cat# TA807662)(1:2000). Positive lysates [LY416926] (100ug) and [LC416926] (20ug) can be purchased separately from OriGene.

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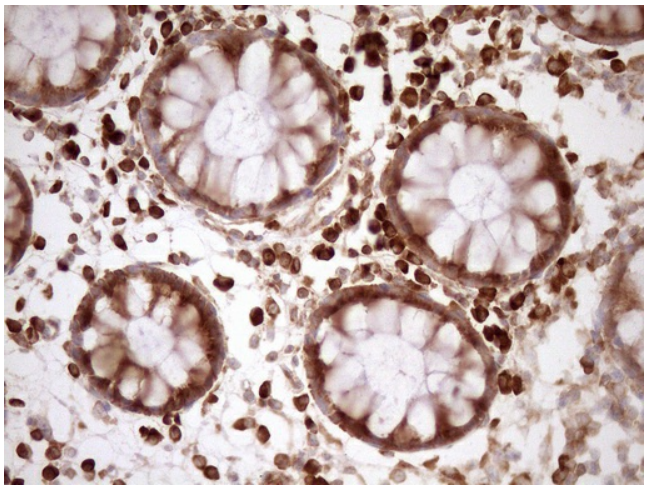
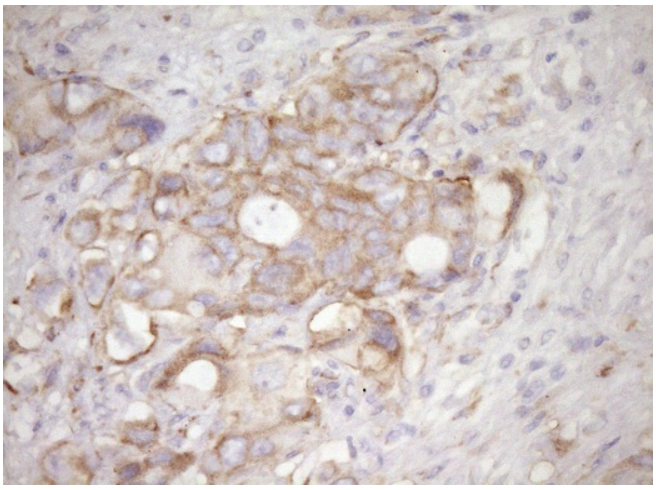
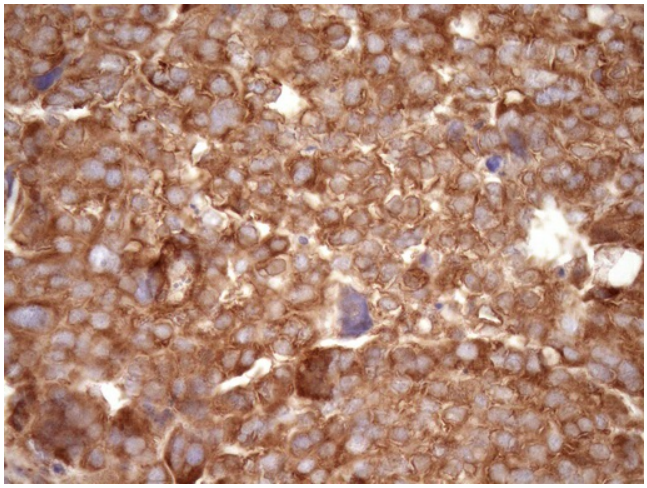


Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-RPL10 mouse monoclonal antibody. (Heat-induced epitope retrieval by Tris-EDTA, pH8.0, TA807662) (1:150)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-RPL10 mouse monoclonal antibody. (Heat-induced epitope retrieval by Tris-EDTA, pH8.0, TA807662) (1:150)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-RPL10 mouse monoclonal antibody. (Heat-induced epitope retrieval by Tris-EDTA, pH8.0, TA807662) (1:150)

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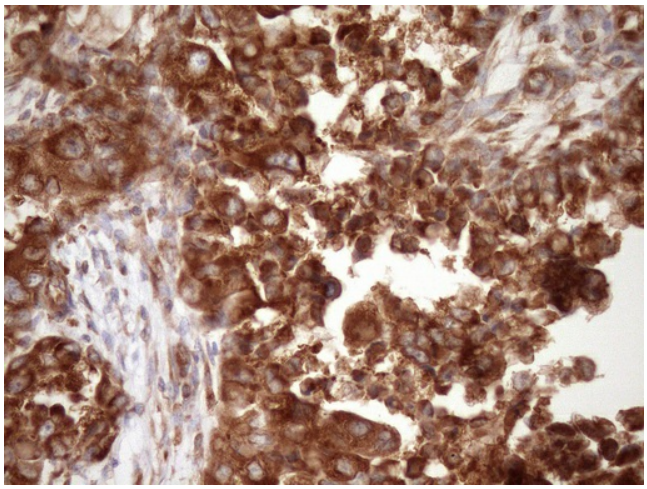
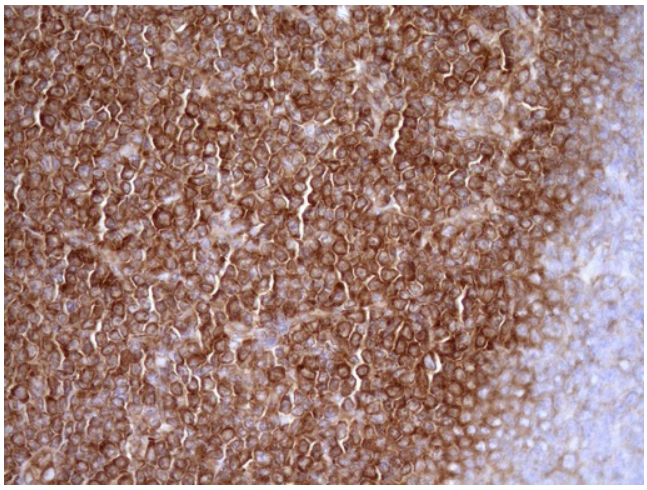


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-RPL10 mouse monoclonal antibody. (Heat-induced epitope retrieval by Tris-EDTA, pH8.0, TA807662) (1:150)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-RPL10 mouse monoclonal antibody. (Heat-induced epitope retrieval by Tris-EDTA, pH8.0, TA807662) (1:150)

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