



# Ribosomal Protein L31 rabbit pAb

Cat No.:ES7071

For research use only

## Overview

<b>Product Name</b>	Ribosomal Protein L31 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RPL31. AA range:61-110
<b>Specificity</b>	Ribosomal Protein L31 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L31 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	60S ribosomal protein L31
<b>Gene Name</b>	RPL31
<b>Cellular localization</b>	cytosol,ribosome,focal adhesion,membrane,cytosolic large ribosomal subunit,extracellular exosome,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	6160
<b>Human Swiss-Prot Number</b>	P62899
<b>Alternative Names</b>	RPL31; 60S ribosomal protein L31
<b>Background</b>	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 L31E family of ribosomal proteins. It is located in the cytoplasm. Higher levels of expression of this gene in familial adenomatous polyps compared to matched normal tissues have been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using RPL31 Antibody. The picture on the right is blocked with the synthesized peptide.

