

DNAxPAb

Hard-to-Find  
Antibody

## RPL5 DNAxPab

Catalog # H00006125-W01P

Size 200 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RPL5 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MGFVKVVKNKAYFKRYQVKFRRRREGKTDYYARKRLVIQDKNKYNTPKYRMIVRVTNRDIIICQIAYA RIEGDMIVCAAYAHELPKYGVKVGLTNYAAAKWR
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — RPL5

Entrez GeneID [6125](#)

GeneBank Accession# [BC001882](#)

Protein Accession# [AAH01882](#)

Gene Name RPL5

Gene Alias MGC117339, MSTP030

Gene Description ribosomal protein L5

Omim ID [603634](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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 L18P family of ribosomal proteins. It is located in the cytoplasm. The protein binds 5S rRNA to form a stable complex called the 5S ribonucleoprotein particle (RNP), which is necessary for the transport of nonribosome-associated cytoplasmic 5S rRNA to the nucleolus for assembly into ribosomes. The protein interacts specifically with the beta subunit of casein kinase II. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. This gene is co-transcribed with the small nucleolar RNA gene U21, 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]

**Other Designations** 60S ribosomal protein L5|OTTHUMP00000012584

## Pathway

- [Ribosome](#)

## Disease

- [Anemia](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)