For Research Use Only

RPL5 Polyclonal antibody

Catalog Number:29092-1-AP 4 Publications

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Basic Information

Catalog Number:
29092-1-AP

Size:
150ul , Concentration: 500 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG30837

GenBank Accession Number:
BC109370

GeneID (NCBI):
6125

Full Name:
ribosomal protein L5

Observed MW:
34 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IHC 1:200-1:800

Applications

Tested Applications:
IHC, WB,ELISA

Cited Applications:
IHC, WB

Species Specificity:
Human, Monkey

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : COS-7 cells, MOLT-4 cells, PC-3 cells

IHC : human prostate cancer tissue,

Background Information

The mammalian ribosome is a macromolecular assembly of 4 RNA species (rRNAs) and approximately 80 different proteins, including RPL5. RPL5 (ribosome protein L15) is rquired for rRNA maturation and formation of the 60S ribosomal subunits, and defects or mutation in RPL5 is the cause of DBA6.

Notable Publications

Author	Pubmed ID	Journal	Application
Koichi Ogami	36288708	Cell Rep	WB
Huahua Zhang	36384455	BMC Mol Cell Biol	WB
Tamami Miyagi	37332605	iScience	WB

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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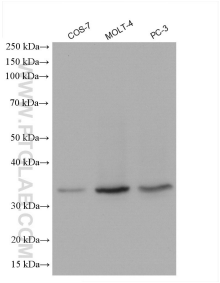
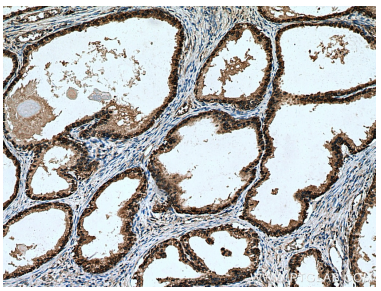
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29092-1-AP (RPL5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 29092-1-AP (RPL5 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).