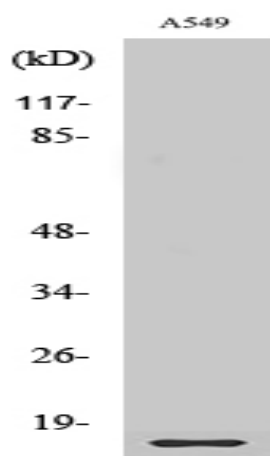## Ribosomal Protein L28 Polyclonal Antibody
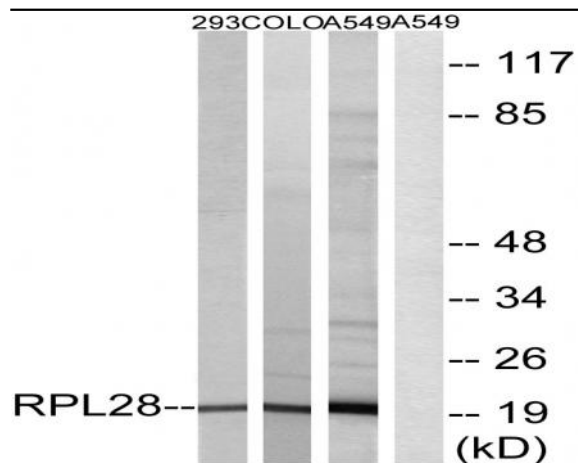
Catalog No : YT4104

Reactivity : Human;Mouse;Rat

Applications : WB;IHC;IF;ELISA

Target : Ribosomal Protein L28

Fields : >>Ribosome;>>Coronavirus disease - COVID-19

Gene Name : RPL28

Protein Name : 60S ribosomal protein L28

Human Gene Id : 6158

Human Swiss Prot No : P46779

Mouse Gene Id : 19943

Mouse Swiss Prot No : P41105

Rat Swiss Prot No : P17702

Immunogen : The antiserum was produced against synthesized peptide derived from human RPL28. AA range:41-90

Specificity : Ribosomal Protein L28 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L28 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source : Polyclonal, Rabbit,IgG

Dilution : WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

Purification : The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :   1 mg/ml

Storage Stability :   -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band :   20kD

Cell Pathway :   Ribosome;

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 L28E family of ribosomal proteins. It is located in the cytoplasm. 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. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Oct 2008],

Function :   similarity:Belongs to the ribosomal protein L28e family.,

Subcellular Location :   cytoplasm,cytosol,ribosome,membrane,cytosolic large ribosomal subunit,dendrite,cytoplasmic ribonucleoprotein granule,cell body,extracellular exosome,

Expression :   B-cell,Cerebellum,Colon,Hepatoma,Kidney,Ovarian carcinoma,Spleen,Uterus,
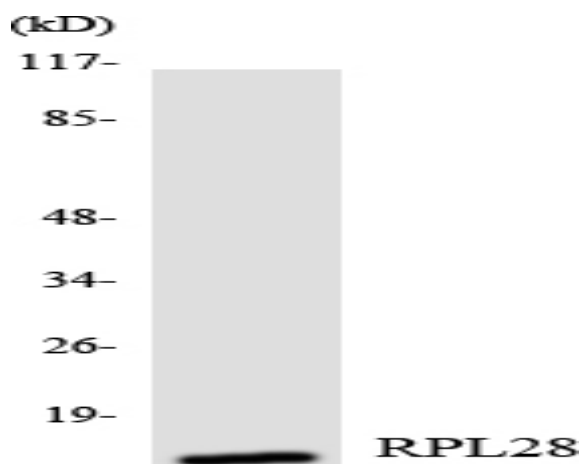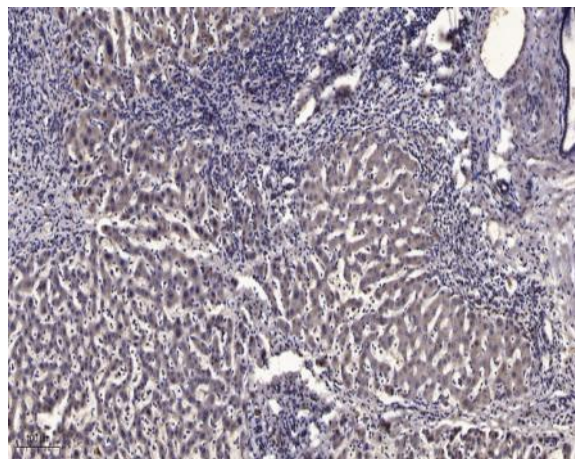
Products Images

Western Blot analysis of various cells using Ribosomal Protein L28 Polyclonal Antibody diluted at 1:2000

Western blot analysis of lysates from A549, 293, and COLO cells, using RPL28 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from HeLa cells using RPL28 antibody.

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).