

## MRP-S34 (K214) polyclonal antibody

Catalog: BCP01135

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Mitochondrial ribosomes consist of a large 39S subunit and a small 28S subunit, both of which are comprised of multiple mitochondrial ribosomal proteins (MRPs) that are encoded by nuclear genes and are essential for protein synthesis within mitochondria. MRP-S34 (mitochondrial ribosomal protein S34), is a 218 amino acid protein that localizes to the mitochondrion, where it exists as a component of the 28S ribosomal subunit and works in conjunction with other MRPs to mediate protein synthesis. The gene encoding MRP-S34 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 26 kDa

### Swiss-Prot:

P82930

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IP: 1:10~1:100

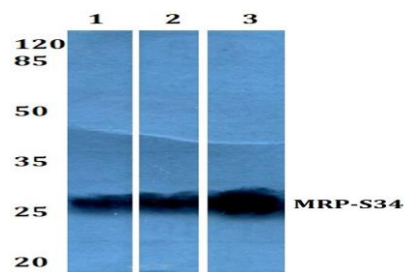
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

MRP-S34 (K214) polyclonal antibody detects endogenous levels of MRP-S34 protein.

### DATA:



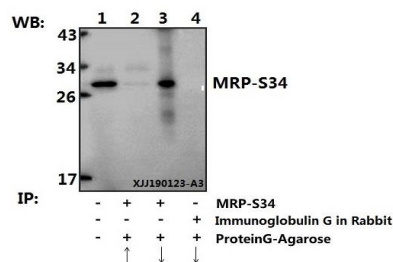
Western blot (WB) analysis of MRP-S34 (K214) pAb at 1:1000 dilution

Lane1:The Kidney tissue lysate of Rat(40ug)

Lane2:The Kidney tissue lysate of Mouse(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:Panc1 whole cell lysate(40ug)



Immunoprecipitation of Kidney tissue lysate of Mouse using

MRP-S34 (K214) polyclonal antibody (Sepharose Bead Conjugate)

#BD0048(lane 2 and lane 3) and Nonspecific IgG Control (Sepharose

Bead Conjugate) #BD0048 (lane 4 ).Lane 1 is 30% input.The western

blot was probed using MRP-S34 (K214) #BS3327. “ ↑ ” ( supernatant ) ;

“ ↓ ” (deposition)

### Note:

For research use only, not for use in diagnostic procedure.