

MRP-S35 (I252) polyclonal antibody

Catalog: BCP01136

Host: Rabbit

Reactivity: Human

BackGround:

Mammalian mitochondrial ribosomes (mitoribosomes) are responsible for protein synthesis within the mitochondrion. The mitoribosomes are composed of a 4:1 ratio of protein to RNA, with the proteins forming two subunits, the 28S subunit and the 39S subunit. Across species, the proteins that make up the mitoribosome subunits vary greatly in sequence, preventing easy recognition by sequence homology. MRP-S35 (mitochondrial ribosomal protein S35), also known as MDS023, MRPS28 or HDCMD11P, is a 323 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. Existing as two alternatively spliced isoforms, MRP-S35 is encoded by a gene located on human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome.

Product:

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

Molecular Weight:

~ 37 kDa

Swiss-Prot:

P82673

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

IHC: 1:50~1:200

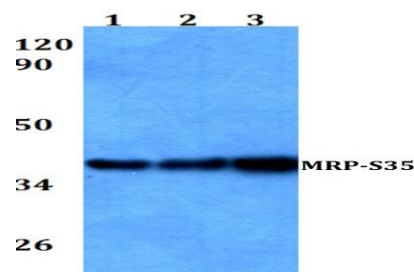
Storage&Stability:

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

Specificity:

MRP-S35 (I252) polyclonal antibody detects endogenous levels of MRP-S35 protein.

DATA:



Western blot (WB) analysis of MRP-S35 (I252) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:K562 whole cell lysate(40ug)

Note:

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