

PUS10 polyclonal antibody

Catalog: BS35661

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

tRNA pseudouridine synthase Pus10: Protein with different functions depending on its subcellular location: involved in miRNA processing in the nucleus and acts as a tRNA pseudouridylation synthase in the cytoplasm. In the cytoplasm, acts as a pseudouridylation synthase by catalyzing synthesis of pseudouridine(54) and pseudouridine(55) from uracil-54 and uracil-55, respectively, in the psi GC loop of a subset of tRNAs. tRNA pseudouridylation synthase activity is enhanced by the presence of 1-methyladenosine at position 53-61 of tRNAs. Does not show tRNA pseudouridylation synthase activity in the nucleus. In the nucleus, promotes primary microRNAs (pri-miRNAs) processing independently of its RNA pseudouridylation synthase activity. Binds pri-miRNAs. Modulator of TRAIL/TNFSF10-induced cell death via activation of procaspase-8 and BID cleavage. Required for the progression of the apoptotic signal through intrinsic mitochondria...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~60.2 kDa

Swiss-Prot:

Q3MIT2

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

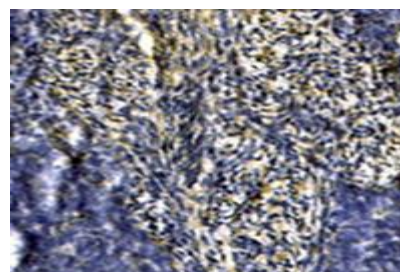
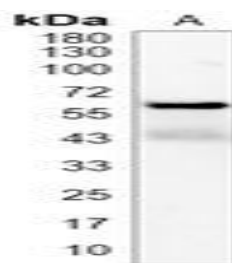
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of PUS10 protein

DATA:



Note:

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

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