



UPF3A polyclonal antibody

Catalog: BS35471

Host: Rabbit

Reactivity: Human

BackGround:

Regulator of nonsense transcripts 3A: Involved in non-sense-mediated decay (NMD) of mRNAs containing premature stop codons by associating with the nuclear exon junction complex (EJC) and serving as link between the EJC core and NMD machinery. Recruits UPF2 at the cytoplasmic side of the nuclear envelope and the subsequent formation of an UPF1-UPF2-UPF3 surveillance complex (including UPF1 bound to release factors at the stalled ribosome) is believed to activate NMD. However, UPF3A is shown to be only marginally active in NMD as compared to UPF3B. Binds spliced mRNA upstream of exon-exon junctions. In vitro, weakly stimulates translation

Product:

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

Molecular Weight:

~54.7 kDa

Swiss-Prot:

Q9H1J1

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 UPF3A protein

DATA:

Western blot analysis of Histone H1 (Phospho-T17) expression in K562 (A), THP1 (B), MCF7 (C) whole cell lysates.

Note:

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

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