

EIF6

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:27kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human EIF6

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CAB; EIF3A; eIF-6; p27BBP; ITGB4BP; b(2)gcn; p27(BBP);

Catalog #:A1818

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3692

Isotype:IgG

Swiss Prot:P56537

Purity:Affinity purification

For research use only.

Background:

Eukaryotic initiation factor 6 (eIF6) is required for the 60S ribosomal subunit assembly in the nucleolus (1). In the cytoplasm, this protein is bound to 60S ribosome subunits and prevents them from joining 40S ribosome subunits to form 80S ribosomes (2). eIF6 is also shown to associate with the RNA-induced silencing complex (RISC) (3). Deletion of eIF6 abolishes the miRNA-mediated gene silencing (3). eIF6 may play its essential role in miRNA-mediated silencing by inhibiting translation initiation or ribosome recycling (3).

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