

## 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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