

## ERF polyclonal antibody

Catalog: BS61028

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Translation is carried out by the ribosome and several associated protein factors through three consecutive steps: initiation, elongation and termination. Termination of protein synthesis takes place when the ribosomal A site is occupied simultaneously by one of three stop codons and by a class 1 translation termination factor. In eukaryotes, this termination factor is the eukaryotic release factor 1 (eRF1), a protein that promotes hydrolysis of the last peptidyl-tRNA on the ribosome. eRF1 activity is stimulated by the association with the GTP-binding protein eRF3. eRF1 forms a quaternary complex with eRF3, GTP and the ribosome. Subunits of eRF3 are eRF3b and eRF3a, which belong to the GTP-binding elongation factor family and are involved in the regulation of cell growth, specifically via control of translation termination.

### Product:

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

### Molecular Weight:

~ 60 kDa

### Swiss-Prot:

P50548

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

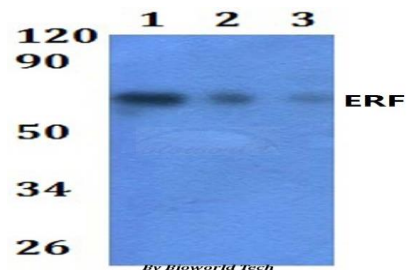
### Storage&Stability:

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

### Specificity:

ERF polyclonal antibody detects endogenous levels of ERF protein.

### DATA:



Western blot (WB) analysis of ERF polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:RAW264.7 whole cell lysate Lane3:PC12 whole cell lysate

### Note:

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

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