

**Product Name: Elongation factor 2 Rabbit Polyclonal Antibody**  
**Catalog #: APRab00252**



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## Summary

<b>Production Name</b>	Elongation factor 2 Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,ICC/IF,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

## Immunogen

<b>Gene Name</b>	EEF2
<b>Alternative Names</b>	EEF2; EF2; Elongation factor 2; EF-2
<b>Gene ID</b>	1938
<b>SwissProt ID</b>	P13639

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100
<b>Molecular Weight</b>	Calculated MW: 95 kDa; Observed MW: 95 kDa

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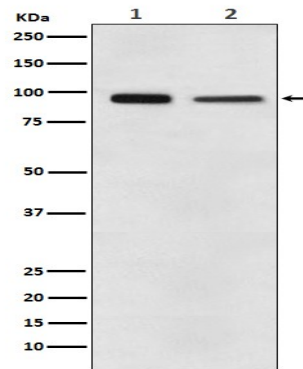
## Background

Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of EEF2 in (1) A431 lysates; (2) NIH/3T3 lysates using Elongation factor 2 antibody.

## Note

For research use only.