

# Elongation factor 2 Polyclonal Antibody

Catalog No: #42156

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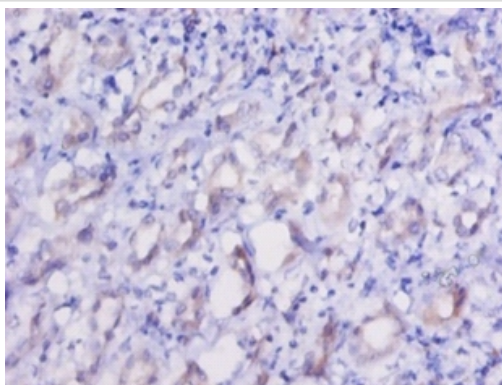
## Description

Product Name	Elongation factor 2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Elongation factor 2 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Elongation factor 2 protein
Target Name	Elongation factor 2
Other Names	EEF2, EF2
Accession No.	Swiss-Prot#: P13639
Uniprot	P13639
GeneID	1938;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:20 - 1:200

## Images



Immunohistochemical analysis of paraffin-embedded human kidney using #42156 at dilution of 1:50.

## 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. Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome.

## References

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[1] Complete sequence of the coding region of human elongation factor 2 (EF-2) by enzymatic amplification of cDNA from human ovarian granulosa cells. Rapp G., Klaidiny J., Hagendorff G., Luck M.R., Heinz K. Biol. Chem. Hoppe-Seyler 370:1071-1075(1989) [2]

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Note: This product is for in vitro research use only