

## Elongation factor 1-delta Polyclonal Antibody

Catalog No: #42154

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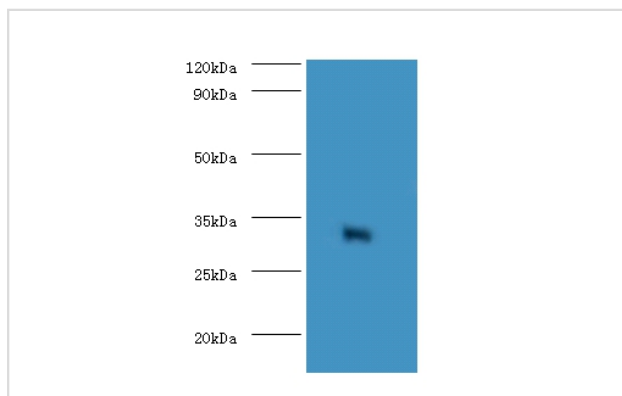
## Description

Product Name	Elongation factor 1-delta Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Elongation factor 1-delta polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Elongation factor 1-delta protein
Target Name	Elongation factor 1-delta
Other Names	Antigen NY-CO-4 EEF1D EF1D
Accession No.	Swiss-Prot#: P29692
Uniprot	P29692
GeneID	1936;
Calculated MW	31kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □ 1:500 - 1:1000

## Images



All lanes: Elongation factor 1-delta antibody at 2ug/ml+MCF-7 whole cell lysate  
 Secondary  
 Goat polyclonal to Rabbit IgG at 1/15000 dilution  
 Predicted band size:31kda  
 Observed band size:31kda

## Background

Isoform 1: EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP, regenerating EF-1-alpha for another round of transfer of aminoacyl-tRNAs to the ribosome.

Isoform 2: Regulates induction of heat-shock-responsive genes through association with heat shock transcription factors and direct DNA-binding at heat shock promoter elements (HSE).

## References

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[1]The human leucine zipper-containing guanine-nucleotide exchange protein elongation factor-1 delta.Sanders J.P., Raggiaschi R., Morales J., Moeller W.Biochim. Biophys. Acta 1174:87-90(1993) [2]Characterization of human colon cancer antigens recognized

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Note: This product is for in vitro research use only