

# EPO Polyclonal Antibody

Catalog Number:D-AB-10439L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

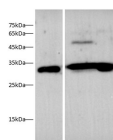
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant Mouse EPO protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide,1% protective protein and 50% glycerol,pH7.4

## Applications Recommended Dilution

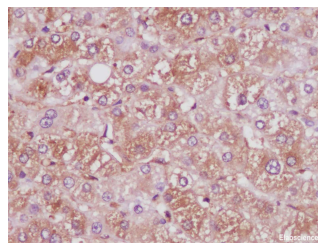
<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:600-1:1200

## Data

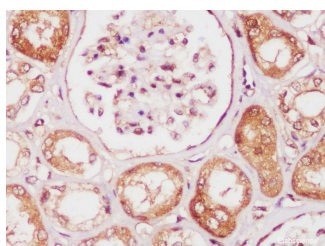


Western blot with EPO Polyclonal antibody at dilution of 1:1000.lane 1:U87-MG whole cell lysate,lane 2:Mouse kidney,lane 3:Rat liver

**Observed Mw:37 kDa**  
**Calculated Mw:21 kDa**



Immunohistochemistry of paraffinembedded Human liver using EPO Polyclonal Antibody at dilution of 1:1200



Immunohistochemistry of paraffinembedded Human kidney using EPO Polyclonal Antibody at dilution of 1:1200

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## Background

## For Research Use Only

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This gene is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types.

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