

EPO Polyclonal Antibody

Catalog No. E-AB-70191

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

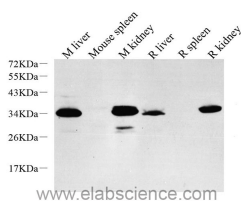
Description

Reactivity	Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse EPO
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

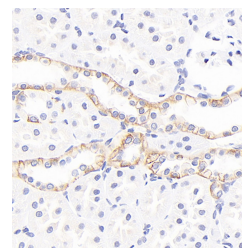
WB	1:500-1:2000
IHC	1:300-1:800

Data

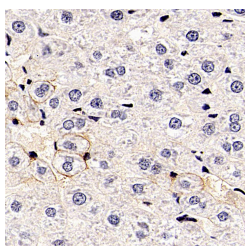


Western Blot analysis of various samples using EPO Polyclonal Antibody at dilution of 1:1000.

Observed Mw:34kDa
Calculated Mw:34kDa



Immunohistochemistry analysis of paraffin-embedded rat kidney using EPO Polyclonal Antibody at dilution of 1:600.



Immunohistochemistry analysis of paraffin-embedded rat liver using EPO Polyclonal Antibody at dilution of 1:600.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

For Research Use Only

Background

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.