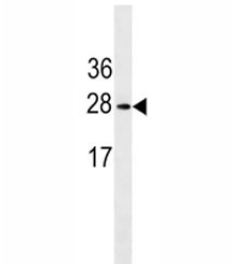
Erythropoietin Antibody (F44696)

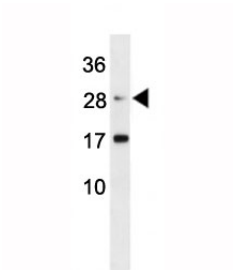
Catalog No.	Formulation	Size
F44696-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44696-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

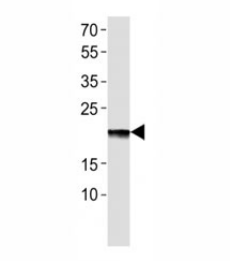
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Primate
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P01588
Applications	Western Blot : 1:1000
Limitations	This Erythropoietin antibody is available for research use only.



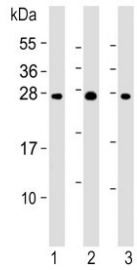
Erythropoietin antibody western blot analysis in K562 lysate. Expected molecular weight: 18-34 kDa depending on glycosylation level.



Erythropoietin antibody western blot analysis in mouse L929 lysate.



Western blot analysis of lysate from EPO recombinant protein using Erythropoietin antibody at 1:1000.



Western blot testing of 1) human kidney, 2) human liver and 3) mouse liver lysate with Erythropoietin antibody at 1:2000. Expected molecular weight: 18-34 kDa depending on glycosylation level.

Description

EPO 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. [provided by RefSeq].

Application Notes

Titration of the Erythropoietin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 20-48 from the human protein was used as the immunogen for this Erythropoietin antibody.

Storage

Aliquot the Erythropoietin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.