

EpoR Polyclonal Antibody
Catalog # AP73199**Specification**

EpoR Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P19235
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

EpoR Polyclonal Antibody - Additional Information**Gene ID** 2057**Other Names**

EPOR; Erythropoietin receptor; EPO-R

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

EpoR Polyclonal Antibody - Protein Information**Name** EPOR**Function**

Receptor for erythropoietin. Mediates erythropoietin-induced erythroblast proliferation and differentiation. Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade. In some cell types, can also activate STAT1 and STAT3. May also activate the LYN tyrosine kinase.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

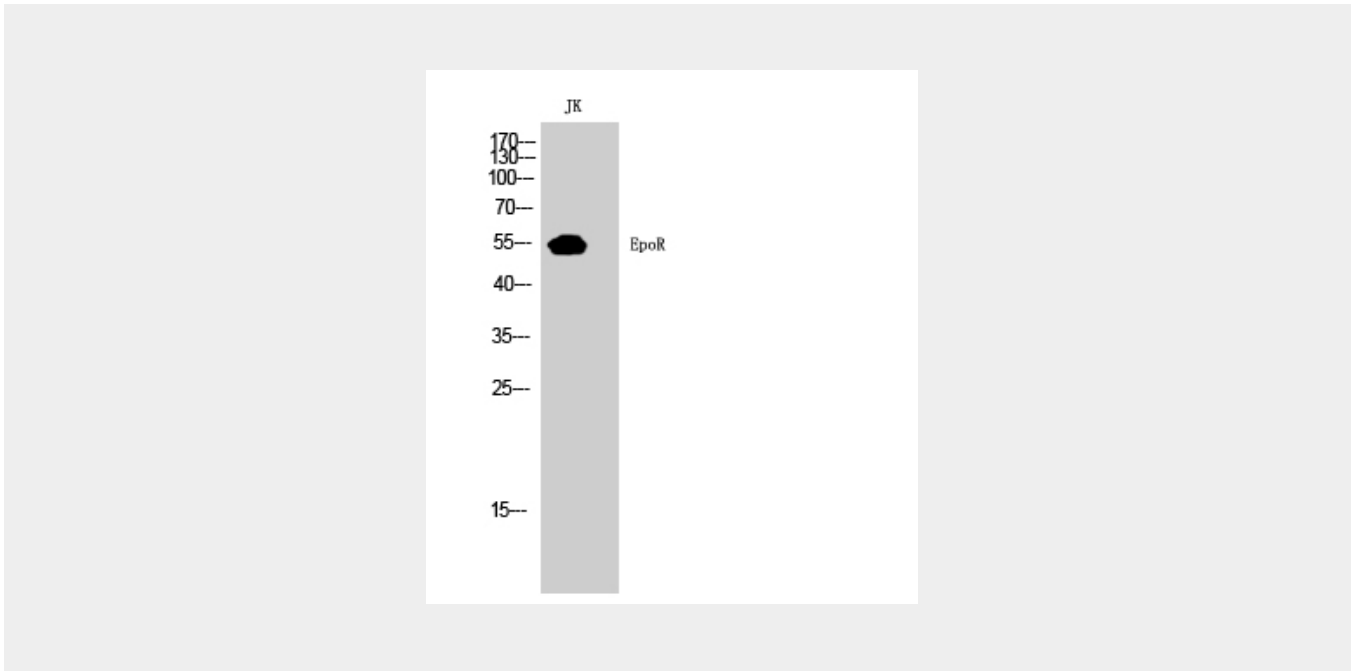
Erythroid cells and erythroid progenitor cells. Isoform EPOR-F is the most abundant form in EPO-dependent erythroleukemia cells and in late-stage erythroid progenitors. Isoform EPOR-S and isoform EPOR-T are the predominant forms in bone marrow Isoform EPOR-T is the most abundant from in early-stage erythroid progenitor cells

EpoR Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EpoR Polyclonal Antibody - Images



EpoR Polyclonal Antibody - Background

Receptor for erythropoietin. Mediates erythropoietin- induced erythroblast proliferation and differentiation. Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade. In some cell types, can also activate STAT1 and STAT3. May also activate the LYN tyrosine kinase.