

**EpoR (phospho Tyr368) Polyclonal Antibody**  
Catalog # AP67484**Specification**

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**EpoR (phospho Tyr368) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P19235</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**EpoR (phospho Tyr368) Polyclonal Antibody - Additional Information****Gene ID** 2057**Other Names**

EPOR; Erythropoietin receptor; EPO-R

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. 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 (phospho Tyr368) 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**

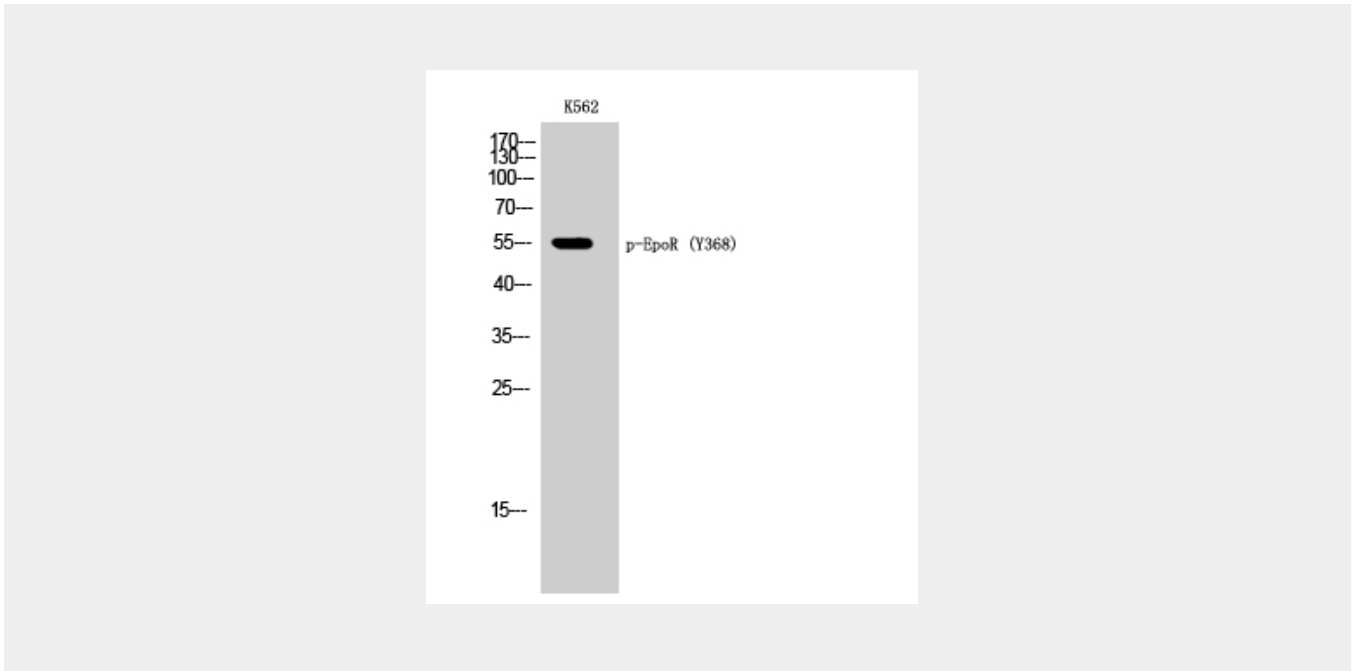
Erythroid cells and erythroid progenitor cells. Isoform EPOR-F is the most abundant form in EPO-dependent erythroleukemia cells and in late-stage erythroid progenitors. Isoform EPOR-S and isoform EPOR-T are the predominant forms in bone marrow Isoform EPOR-T is the most abundant from in early-stage erythroid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

## EpoR (phospho Tyr368) 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 (phospho Tyr368) Polyclonal Antibody - Images



## EpoR (phospho Tyr368) 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.