

**EpoR Polyclonal Antibody**  
Catalog # AP73199**Specification**

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**EpoR Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P19235</a>
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 {ECO:0000303|PubMed:2163695, ECO:0000312|HGNC:HGNC:3416}**Function**

Receptor for erythropoietin, which mediates erythropoietin- induced erythroblast proliferation and differentiation (PubMed:<a href="http://www.uniprot.org/citations/10388848" target="\_blank">10388848</a>, PubMed:<a href="http://www.uniprot.org/citations/2163695" target="\_blank">2163695</a>, PubMed:<a href="http://www.uniprot.org/citations/2163696" target="\_blank">2163696</a>, PubMed:<a href="http://www.uniprot.org/citations/8662939" target="\_blank">8662939</a>, PubMed:<a href="http://www.uniprot.org/citations/9774108" target="\_blank">9774108</a>). Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade (By similarity). In some cell types, can also activate STAT1 and STAT3 (PubMed:<a href="http://www.uniprot.org/citations/11756159" target="\_blank">11756159</a>). May also activate the LYN tyrosine kinase (By similarity).

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:P14753}; Single-pass type I membrane protein

**Tissue Location**

Erythroid cells and erythroid progenitor cells. [Isoform EPOR-S]: Isoform EPOR-S and isoform

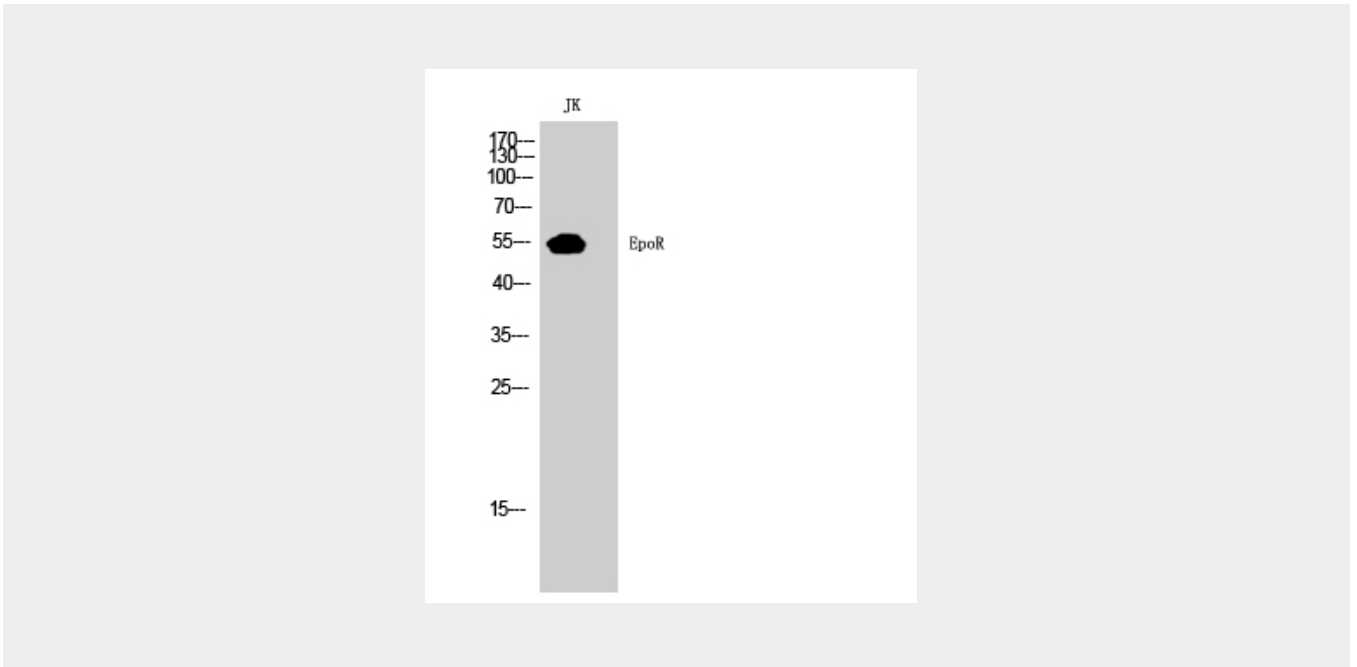
EPOR-T are the predominant forms in bone marrow.

### 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.