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Epor antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12390

Product Information

Application	WB
Primary Accession	P14753
Other Accession	NM_010149, NP_034279
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55194

Additional Information

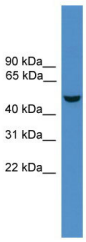
Gene ID	13857
Other Names	Erythropoietin receptor, EPO-R, Epor
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Epor antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Epor antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Epor {ECO:0000303|PubMed:2539263, ECO:0000312|MGI:MGI:95408}
Function	Receptor for erythropoietin, which mediates erythropoietin- induced erythroblast proliferation and differentiation (PubMed:2539263, PubMed:8341708, PubMed:8382775, PubMed:8617735). Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade (PubMed:2539263, PubMed:8382775, PubMed:8617735). In some cell types, can also activate STAT1 and STAT3. May also activate the LYN tyrosine kinase (PubMed:9573010).
Cellular Location	Cell membrane; Single-pass type I membrane protein [Isoform EPOR-S]: Secreted
Tissue Location	Expressed in relatively mature erythroid progenitor cells and in

EPO-responsive erythroleukemia cells

Images



WB Suggested Anti-Epor Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Mouse Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.