

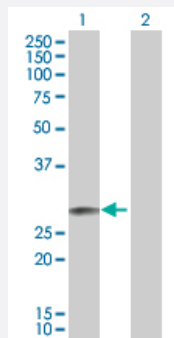
MaxPab®

EPO MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002056-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of EPO expression in transfected 293T cell line ([H00002056-T01](#)) by EPO MaxPab polyclonal antibody.

Lane 1: EPO transfected lysate(21.23 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human EPO protein.
Immunogen	EPO (NP_000790, 1 a.a. ~ 193 a.a) full-length human protein.
Sequence	MGVHECPAWLWLLSLLSLPLGLPVLGAPPRICDSRVLERYLLEAKEAENITTGCAEHCSLNENI TVPDTKVNIFYAWKRMEVGQQAVEVWQGLALLSEAVLRGQALLVNSSQPWEPLQLHVDKAVSG LRSLTLLRALGAQKEAISPDAASAAPLRITADTFRKLFVYSNFLRGKCLKLYTGEACRTGDR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (83)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — EPO

Entrez GeneID	2056
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GeneBank Accession#	NM_000799
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Protein Accession#	NP_000790
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Gene Name	EPO
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Gene Alias	EP, MGC138142
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Gene Description	erythropoietin
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Omim ID	133170
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Gene Ontology	Hyperlink
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Gene Summary	This gene 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]
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Other Designations	epoetin
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Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Cardiovascular Diseases](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Myelodysplastic Syndromes](#)
- [Retinopathy of Prematurity](#)
- [Rhinitis](#)