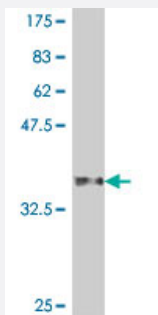


EPOR polyclonal antibody (A01)

Catalog # H00002057-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant EPOR.
Immunogen	EPOR (NP_000112, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag.
Sequence	PDPKFESKAALLAARGPEELLCTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGA
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EPOR

Entrez GeneID [2057](#)

GeneBank Accession# [NM_000121](#)

Protein Accession# [NP_000112](#)

Gene Name EPOR

Gene Alias MGC138358

Gene Description erythropoietin receptor

Omim ID [133100 133171](#)

Gene Ontology [Hyperlink](#)

Gene Summary The erythropoietin receptor is a member of the cytokine receptor family. Upon erythropoietin binding, the erythropoietin receptor activates Jak2 tyrosine kinase which activates different intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The stimulated erythropoietin receptor appears to have a role in erythroid cell survival. Defects in the erythropoietin receptor may produce erythroleukemia and familial erythrocytosis. [provided by RefSeq]

Other Designations -

Publication Reference

- [Effect of pentavalent inorganic arsenic salt on erythropoietin production and autophagy induction.](#)

Kazuhiko Nishimura, Naotake Kiriya, Kazuya Ogawa, Reo Inoue, Md Anamul Haque, Hiroshi Nakagawa.

Archives of Biochemistry and Biophysics 2023 Jan; 734:109487.

Application: WB-Tr, Human, HepG2 cells

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Myeloproliferative Disorders](#)
- [Polycythemia Vera](#)
- [Thrombocythemia](#)