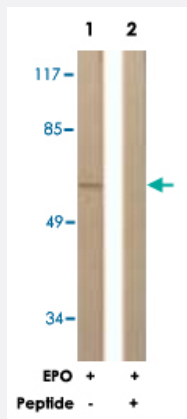


EPOR polyclonal antibody

Catalog # PAB18350 Size 100 ug

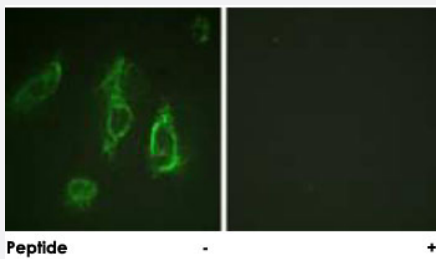
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from COS-7 cells, treated with EPO (20 U/mL, 15 mins), using EPOR polyclonal antibody (Cat # PAB18350).

Peptide "+" means "peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, using EPOR polyclonal antibody (Cat # PAB18350).

Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EPOR.
Immunogen	A synthetic peptide corresponding to residues surrounding Y368 of human EPOR.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to EPOR.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from COS-7 cells, treated with EPO (20 U/mL, 15 mins), using EPOR polyclonal antibody (Cat # PAB18350).

Peptide "+" means "peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using EPOR polyclonal antibody (Cat # PAB18350).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — EPOR

Entrez GeneID	2057
Protein Accession#	P19235
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

-

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](#)