



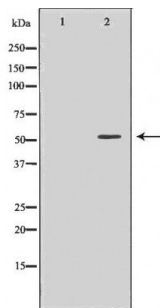
EPOR

Antibody

#24288

Catalog Number: 24288-1, 24288-2**Amount:** 50µg/50µl, 100µg/100µl**Swiss-Prot No. :** P19235**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized peptide derived from Human EPOR**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** EPOR Antibody detects endogenous levels of total EPOR**Reactivity:** Human, Mouse, Rat**Applications:**

Predicted MW: 55kd WB: 1:500-2000



Western blot analysis of extracts of various cell lines, using EPOR antibody.

Background :

This gene encodes the erythropoietin receptor which is a member of the cytokine receptor family. Upon erythropoietin binding, this 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. Dysregulation of this gene may affect the growth of certain tumors. Alternate splicing results in multiple transcript variants.