

EPOR Antibody

Catalog No: #31195

Package Size: #31195-1 50ul #31195-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	EPOR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of total EPOR protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 31-45 amino acids of Human erythropoietin receptor
Target Name	EPOR
Other Names	erythropoietin receptor, EPO-R
Accession No.	Swiss-Prot:P19235Gene ID:2057;
Uniprot	P19235
GeneID	2057;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

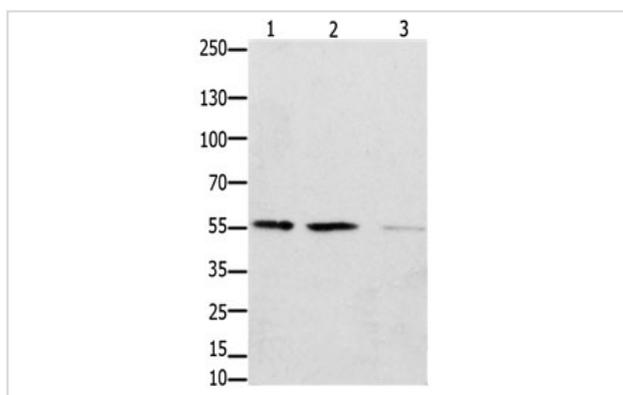
Application Details

Predicted MW: 55kd

ELISA: 1:1000-1:5000

Western blotting: 1:1000-1:5000

Images



Gel: 10%SDS-PAGE
 Lane1: 231 cell lysate
 Lane2: 293T cell lysate
 Lane3: Hela cell lysate
 Lysates: 40 ug per lane
 Primary antibody: 1/500 dilution
 Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
 Exposure time: 10 seconds

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.

Note: This product is for in vitro research use only