

EpoR Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03024
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from EpoR . at AA range: 370-450
Mol wt	55065
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	EpoR Antibody
Synonyms	EPOR; Erythropoietin receptor; EPO-R

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

EPOR 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.

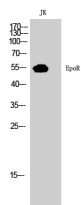
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of JK cells using EpoR Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year