

EPOR Polyclonal Antibody

Catalog Number: E-AB-15623



Note: Centrifuge before opening to ensure complete recovery of vial contents.

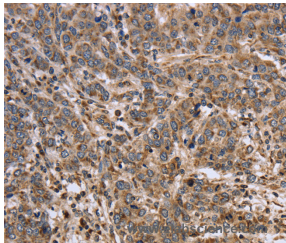
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human EPOR
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

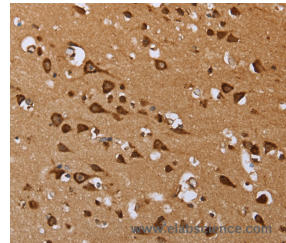
Applications Recommended Dilution

IHC	1:50-1:200
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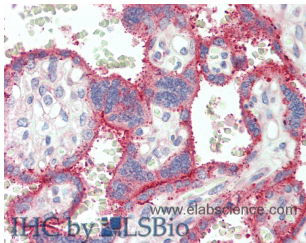
Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using EPOR Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Human brain tissue using EPOR Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Placenta tissue using EPOR Polyclonal Antibody at dilution of 1:70 (Elabscience® Product Detected by Lifespan).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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

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erythrocytosis. Dysregulation of this gene may affect the growth of certain tumors. Alternate splicing results in multiple transcript variants.

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