

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

EPOR RABBIT PAB

Cat.#: S219762

Product Name: Anti-EPOR Rabbit Polyclonal Antibody

Synonyms: EPO-R

UNIPROT ID: P19235 (Gene Accession - NP_000112)

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.

Immunogen: Synthetic peptide of human EPOR

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cardiovascular, Immunology, Stem Cells **Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219762(EPOR Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 219762(Anti-EPOR Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffinembedded Human brain tissue using 219762(Anti-EPOR Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D260313(Anti-EPOR Antibody) at dilution 1/40.