

Datasheet for ABIN7242092

**anti-EPOR antibody**

3 Images

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## Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 200 µL                              |
| Target:      | EPOR                                |
| Reactivity:  | Human, Mouse, Rat                   |
| Host:        | Rabbit                              |
| Clonality:   | Polyclonal                          |
| Conjugate:   | This EPOR antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC)   |

## Product Details

|                  |                                 |
|------------------|---------------------------------|
| Immunogen:       | Synthetic peptide of human EPOR |
| Isotype:         | IgG                             |
| Characteristics: | Polyclonal Antibody             |
| Purification:    | Affinity purification           |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | EPOR  |
| Alternative Name: | EPOR ( <a href="#">EPOR Products</a> )  |
| 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 |

## Target Details

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.

NCBI Accession: [NP\\_000112](#)

UniProt: [P19235](#)

Pathways: [JAK-STAT Signaling](#)

## Application Details

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.7 mg/mL

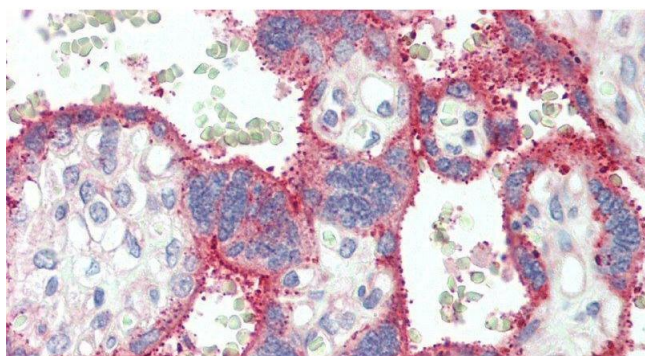
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

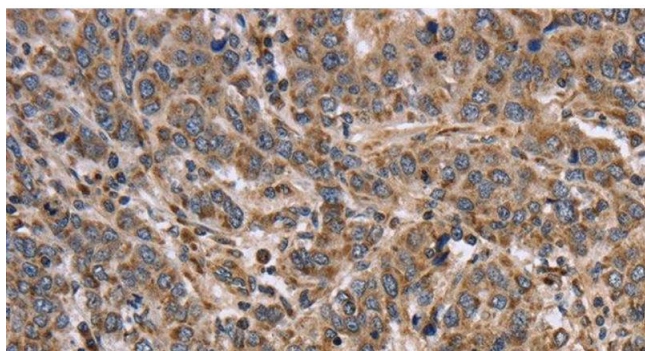
Storage: -20 °C

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



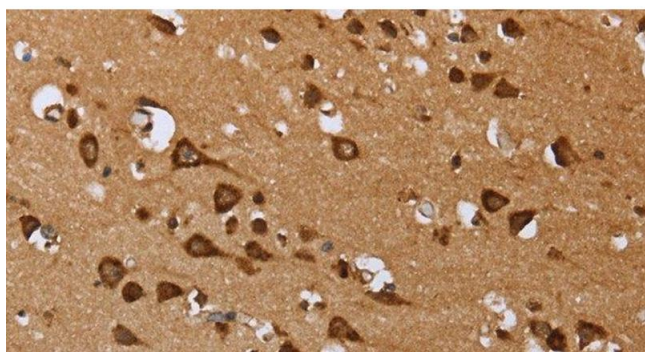
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Placenta tissue using EPOR Polyclonal Antibody at dilution of 1:70.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human liver cancer tissue using EPOR Polyclonal Antibody at dilution 1:40



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human brain tissue using EPOR Polyclonal Antibody at dilution 1:40