

## Rabbit EPO Polyclonal Antibody | anti-EPO antibody

EPO Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA179810</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

EPO; Polyclonal Antibody; EPO Polyclonal Antibody; EP; EPO alpha; Epoetin; Erythropoetin; Erythropoietin precursor; MVCD2; anti-EPO antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                             |
|-----------------------------------------------|-----------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                      |
| Reactivity                                    | Human, Mouse, Rat                                                           |
| Clonality                                     | Polyclonal                                                                  |
| Isotype                                       | IgG                                                                         |
| Purity/Purification                           | Antigen Affinity Purification                                               |
| Form/Format                                   | PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4 |
| Concentration                                 | 1mg/mL (varies by lot)                                                      |
| Applicable Applications for anti-EPO antibody | IHC (Immunohistochemistry), WB (Western Blot)                               |
| Immunogen                                     | Recombinant Mouse EPO protein expressed by E coli                           |
| Preparation and Storage                       | Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.        |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffinembedded Human kidney using EPO Polyclonal Antibody at dilution of 1:1200


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffinembedded Human liver using EPO Polyclonal Antibody at dilution of 1:1200


**WB (Western Blot)**

Western blot with EPO Polyclonal antibody at dilution of 1:1000. lane 1: U87-MG whole cell lysate, lane 2: Mouse kidney, lane 3: Rat liver

### ADDITIONAL INFORMATION

**Related Product Information for anti-EPO antibody**

This gene is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types.

|                                                 |                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-EPO antibody | Polyclonal Antibodies; Primary Antibodies; Polyclonal Antibodies; Cancer; Cardiovascular; Developmental Biology; Metabolism; Signal Transduction; Stem Cells |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                |
|----------------------------------|----------------|
| NCBI GI #                        | 119528         |
| NCBI GeneID                      | 13856          |
| UniProt Accession #              | P07321         |
| Molecular Weight                 | 21,365 Da      |
| NCBI Official Full Name          | Erythropoietin |
| NCBI Official Synonym Full Names | erythropoietin |
| NCBI Official Symbol             | Epo            |
| NCBI Protein Information         | erythropoietin |
| UniProt Protein Name             | Erythropoietin |
| UniProt Gene Name                | Epo            |
| UniProt Entry Name               | EPO_MOUSE      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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