

## Rabbit EPOR Polyclonal Antibody | anti-EPOR antibody

EPOR Polyclonal Antibody

|                              |                       |                                        |                                     |
|------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA37311</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------|----------------------------------------|-------------------------------------|

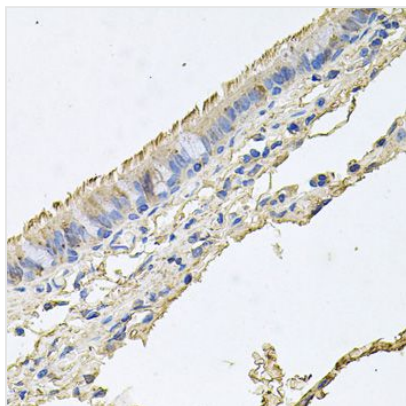
### PRODUCT SYNONYMS

EPOR; Polyclonal Antibody; EPOR Polyclonal Antibody; EPO-R; anti-EPOR antibody

### PRODUCT SPECIFICATIONS

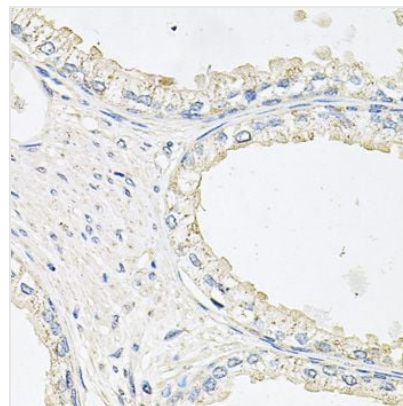
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Isotype                                        | IgG                                                                                                                                                   |
| Purity/Purification                            | Affinity Purification                                                                                                                                 |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                | 508                                                                                                                                                   |
| Applicable Applications for anti-EPOR antibody | WB (Western Blot)                                                                                                                                     |
| Species                                        | Human                                                                                                                                                 |
| Route                                          | Synthetic Peptide                                                                                                                                     |
| Immunogen                                      | A synthetic peptide of human EPOR                                                                                                                     |
| Calculated Molecular Weight                    | 55kDa                                                                                                                                                 |
| Preparation and Storage                        | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



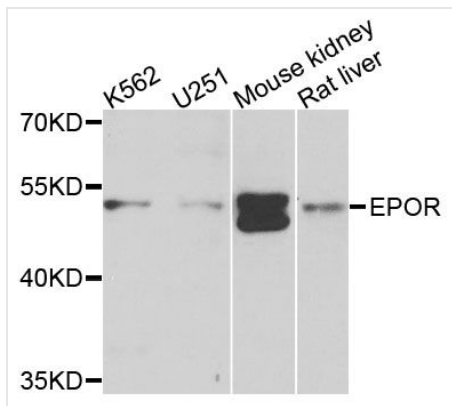
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human trachea using EPOR antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using EPOR antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EPOR antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-EPOR antibody</b> | 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. |
| <b>Product Categories/Family for anti-EPOR antibody</b>   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## NCBI AND UNIPROT INFORMATION

|                                         |                                |
|-----------------------------------------|--------------------------------|
| <b>NCBI GI #</b>                        | 119524                         |
| <b>NCBI GeneID</b>                      | 2057                           |
| <b>UniProt Accession #</b>              | P19235; Q15443; Q2M205; B2RCG4 |
| <b>Molecular Weight</b>                 | 508                            |
| <b>NCBI Official Full Name</b>          | Erythropoietin receptor        |
| <b>NCBI Official Synonym Full Names</b> | erythropoietin receptor        |
| <b>NCBI Official Symbol</b>             | EPOR                           |
| <b>NCBI Official Synonym Symbols</b>    | EPO-R                          |
| <b>NCBI Protein Information</b>         | erythropoietin receptor        |
| <b>UniProt Protein Name</b>             | Erythropoietin receptor        |
| <b>UniProt Gene Name</b>                | EPOR                           |
| <b>UniProt Synonym Gene Names</b>       | EPO-R                          |
| <b>UniProt Entry Name</b>               | EPOR_HUMAN                     |

**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.