

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-EPOR



Numéro de catalogue: 55308-1-AP **Phare**

## Informations de base

Numéro de catalogue:

55308-1-AP

Taille:

150ul , Concentration: 447 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM\_000121

Identification du gène (NCBI):

2057

Nom complet:

erythropoietin receptor

MW calculé

55 kDa

MW observés:

66 kDa, 78 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

## Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain, souris

Contrôles positifs:

WB : cellules HepG2, cellules Jurkat, cellules K-562, tissu hépatique de souris

## Informations générales

Erythropoietin (EPO) receptor (EPOR) is a glycoprotein that belongs to the type I superfamily of single-transmembrane cytokine receptors. It consists of an extracellular domain that binds to the EPO ligand, a transmembrane domain and an intracellular domain. The interaction of EPO and EPOR triggers the activation of several signaling pathways that induce erythropoiesis, including JAK2/STAT5, PI3K/AKT, and MAPK (PMID: 34281163). EPOR is present on erythroid progenitor cells and has also been detected on a wide variety of non-hematopoietic cells (PMID: 36233351). The calculated molecular weight of EPOR is 55 kDa. EPOR undergoes posttranslational modification and the apparent molecular weight of 66-78 kDa has been reported (PMID: 8943308; 12088257).

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

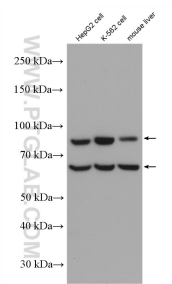
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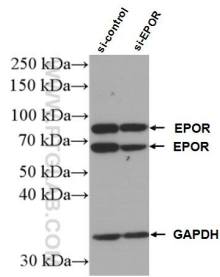
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## Données de validation sélectionnées



HepG2 cells were subjected to SDS PAGE followed by western blot with 55308-1-AP (EPOR antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



WB result of EPOR antibody (55308-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPOR transfected Jurkat cells.