For Research Use Only

EPOR Polyclonal antibody

Catalog Number: 30766-1-AP



| Basic Information | Catalog Number: 30766-1-AP Size: 150ul, Concentration: 450 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG33956 | GenBank Accession Number: NM_000121.4 GeneID (NCBI): 2057 UNIPROT ID: P19235 Full Name: erythropoietin receptor Calculated MW: 55 kDa Observed MW: 70 kDa | Purification Method: Antigen affinity purification Recommended Dilutions: WB 1:1000-1:5000 | |
|---|--|--|---|--|
| Applications | Tested Applications: WB, ELISA Species Specificity: human, mouse | Positive Cor WB : human mouse splee | Positive Controls: WB : human placenta tissue, mouse kidney tissue, mouse spleen tissue | |
| Background Information | 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). | | | |
| Storage *** 20ul sizes contain 0.1% BSA | Storage: Store at -20°C. Stable for one year aft Storage Buffer: PBS with 0.02% sodium azide and 50 Aliquoting is unnecessary for -20°C s | er shipment. % glycerol, pH7.3 torage | | |

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.comW: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30766-1-AP (EPOR antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.