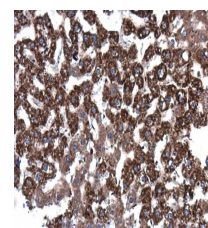


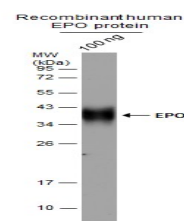
## Product Datasheet

### EPO antibody GRP16

<b>Description</b>	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. [provided by RefSeq]
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ELISA, IHC-P, WB
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human EPO. The exact sequence is proprietary.
<b>Form/Appearance</b>	Liquid: 1XPBS, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified by antigen-affinity chromatography.
<b>Uniprot ID</b>	<b>P01588</b>
<b>Entrez</b>	<b>2056</b>
<b>Dilution Range</b>	WB: 1:5000-1:20000, IHC-P: 1:100-1:1000, ELISA: 1:1000-1:10000



EPO antibody detects EPO protein at cytoplasm in rat liver by immunohistochemical analysis. Sample: Paraffin-embedded rat liver. EPO antibody (GRP468) diluted at 1:400.



Recombinant human EPO protein (with glycosylation) expressed in CHO cells (100 ng) was separated by 12% SDS-PAGE, and the membrane was blotted with EPO antibody (GRP468) diluted at 1:10000.