

German Research Products - GRP GmbH

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Product Datasheet

EPO antibody GRP16

Description 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]

Species/Host Rabbit

Reactivity Human, Rat

Conjugation Unconjugated

Tested Applications ELISA, IHC-P, WB

Immunogen Recombinant protein encompassing a sequence within the cente

region of human EPO. The exact sequence is proprietary.

Form/Appearance Liquid: 1XPBS, 20% Glycerol (pH7). 0.01% Thimerosal was added

as a preservative.

Concentration 1 mg/ml

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. 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.

Note For research use only.

Isotype IgG

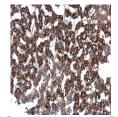
Clonality Polyclonal

Purity Purified by antigen-affinity chromatography.

Uniprot ID P01588

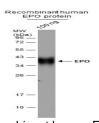
Entrez 2056

Dilution Range 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.