

**EPO polyclonal antibody**

Catalog: BS7800

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

37kDa

Swiss-Prot:

P01588

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:2000|IHC,1:100 - 1:200|IF/ICC,1:50 - 1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Category:

Polyclonal Antibodies

DATA:

Western blot analysis of extracts of various cell lines, using EPO antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit .
Exposure time: 60s.

Immunohistochemistry of paraffin-embedded human esophagus using EPO antibody .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunohistochemistry of paraffin-embedded rat liver using EPO antibody .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunohistochemistry of paraffin-embedded human liver damage using EPO antibody .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Note:

For research use only, not for use in diagnostic procedure.

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