Product datasheet

Anti-EPO antibody ab226956

3 Images

Overview

Product name: Anti-EPO antibody
Description: Rabbit polyclonal to EPO
Host species: Rabbit
Tested applications: Suitable for: IHC-P, WB
Species reactivity: Reacts with: Rat, Human
Immunogen: Recombinant fragment within Human EPO. The exact sequence is proprietary. NP_000790. Database link: P01588
Positive control: IHC-P: Rat liver tissue. WB: Human liver tissue extract.

Properties

Form: Liquid
Storage buffer: pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
Constituents: PBS, 20% Glycerol
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab226956 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td></td>
<td>1/100 - 1/1000.</td>
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<tr>
<td>WB</td>
<td></td>
<td>1/500 - 1/20000.</td>
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Relevance

Human erythropoietin is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine hormone 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. It is produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.

Cellular localization

Secreted

Images

Anti-EPO antibody (ab226956) at 1/500 dilution + Human liver tissue extract at 30 µg

12% SDS-PAGE gel.

Paraffin-embedded rat liver tissue stained for EPO using ab226956 at 1/400 dilution in immunohistochemical analysis.
Anti-EPO antibody (ab226956) at 1/10000 dilution + recombinant human EPO protein (with glycosylation) expressed in CHO cells at 0.1 µg

12% SDS-PAGE gel.

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