

## Rabbit polyclonal antibody to human Glyceraldehyde-3-phosphate dehydrogenase (30-44): Affinity purified

|                          |  |
|--------------------------|--|
| <b>Catalogue No.:</b>    | R-1469-100   |
| <b>Description:</b>      | THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a metabolic enzyme responsible for catalyzing the first step of the glycolysis pathway by converting D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate. GAPDH may have other roles in the activation of transcription and in the regulation of apoptosis as well as Alzheimer's disease and Huntington's disease. |
| <b>Batch No.:</b>        | See product label  |
| <b>Unit size:</b>        | 100 µg   |
| <b>Antigen:</b>          | A synthetic peptide corresponding to a region (30-44 aa) from the N-terminus of human Glyceraldehyde-3-phosphate dehydrogenase (GAPDH).  |
| <b>Antigen Location:</b> | 30-44  |
| <b>Other Names:</b>      | Glyceraldehyde-3-phosphate dehydrogenase; GAPDH; Peptidyl-cysteine S-nitrosylase GAPDH; GAPD;  |
| <b>Accession:</b>        | P04406 G3P_HUMAN;  |
| <b>Produced in:</b>      | Rabbit   |
| <b>Applications:</b>     | Western Blotting (WB) and Immunohistochemistry (IHC). A concentration of 1.0 µg/ml is recommended for WB. Human GAPDH (precursor) has a predicted length of 335 amino acids and MW of 36 kDa. A concentration of 1.0 µg/ml is recommended for IHC to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. A concentration of 1.0 µg/ml is also recommended for IHC in frozen tissue. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.     |
| <b>Specificity:</b>      | The specificity of this antibody has been confirmed by WB and IHC against the antigen.   |
| <b>Antibody Against:</b> | Glyceraldehyde-3-phosphate dehydrogenase   |
| <b>Cross-reactivity:</b> | Human; rat; mouse;   |
| <b>Form:</b>             | Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>  |
| <b>Appearance:</b>       | White powder   |
| <b>Reconstitution:</b>   | Reconstitute in 100 µl of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.  |
| <b>Storage:</b>          | At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.  |
| <b>Expiry Date:</b>      | 12 months after purchase   |

---

FOR RESEARCH USE ONLY

---



**Rabbit polyclonal antibody to human  
Glyceraldehyde-3-phosphate dehydrogenase (30-44): Affinity  
purified**

biosensis

---

FOR RESEARCH USE ONLY

---

51 West Thebarton Road • Thebarton • South Australia 5031  
Telephone + 61(0)8 8352 7711 • Email [sales@biosensis.com](mailto:sales@biosensis.com) • [www.biosensis.com](http://www.biosensis.com)