

## 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	THIS PRODUCT HAS BEEN SUPERCEDED.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

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FOR RESEARCH USE ONLY



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biosensis

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