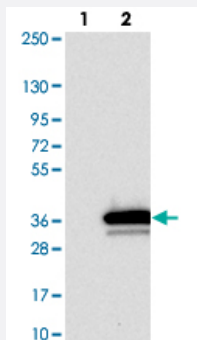


BPGM polyclonal antibody

Catalog # PAB22212 Size 100 uL

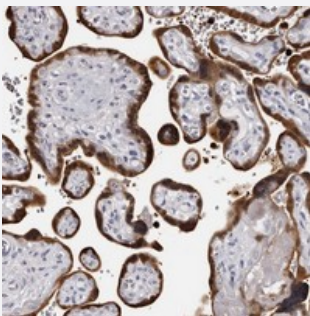
Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate).

Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells with BPGM polyclonal antibody (Cat # PAB22212).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta with BPGM polyclonal antibody (Cat # PAB22212) shows strong cytoplasmic and nuclear positivity in trophoblastic cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant BPGM.
Immunogen	Recombinant protein corresponding to amino acids of human BPGM.
Sequence	EGAWNKENRFCSWVDQKLNSEGMEEARNCGKQLKALNFEFDLVFTSVLNRSIHTAWLILEELGQ EWVPVESSWRLNERHYGALIGLNREQMALNHGEEQV
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — BPGM

Entrez GeneID	669
Protein Accession#	P07738
Gene Name	BPGM
Gene Alias	-
Gene Description	2,3-bisphosphoglycerate mutase
Omim ID	222800
Gene Ontology	Hyperlink

Gene Summary

2,3-diphosphoglycerate (2,3-DPG) is a small molecule found at high concentrations in red blood cells where it binds to and decreases the oxygen affinity of hemoglobin. This gene encodes a multifunctional enzyme that catalyzes 2,3-DPG synthesis via its synthetase activity, and 2,3-DPG degradation via its phosphatase activity. The enzyme also has phosphoglycerate phosphomutase activity. Deficiency of this enzyme increases the affinity of cells for oxygen. Mutations in this gene result in hemolytic anemia. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

-

Pathway

- [Biosynthesis of phenylpropanoids](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)