



Anti-G6PD (aa 308-320) polyclonal antibody (DPABH-24401)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Catalyzes the rate-limiting step of the oxidative pentose-phosphate pathway, which represents a route for the dissimilation of carbohydrates besides glycolysis. The main function of this enzyme is to provide reducing power (NADPH) and pentose phosphates for fatty acid and nucleic acid synthesis.
Specificity	DPABH-24401 is expected to recognise isoforms NP_000393.4 and NP_001035810.1.
Immunogen	Synthetic peptide: C-STNSDDVRDEKVK, corresponding to internal sequence amino acids 308-320 of Human Glucose 6 Phosphate Dehydrogenase (NP_000393.4).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P, Sandwich ELISA
Format	Liquid
Size	100 µg
Buffer	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	G6PD glucose-7-phosphate dehydrogenase [Homo sapiens]
Official Symbol	G6PD
Synonyms	G6PD; glucose-6-phosphate dehydrogenase; G6PD1; glucose-6-phosphate 1-dehydrogenase;
Entrez Gene ID	2539
Protein Refseq	NP_000393.4
UniProt ID	P11413
Pathway	Carbon metabolism; Disease; Glutathione metabolism; Glycogen storage diseases
Function	NADP binding; glucose binding; glucose binding; glucose-6-phosphate dehydrogenase activity