Product Name: Glucose 6 Phosphate Dehydrogenase Rabbit Polyclonal Antibody
Catalog #: APRab00187

Summary

Production Name	Glucose 6 Phosphate Dehydrogenase Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	G6PD
Alternative Names	G6PD; Glucose-6-phosphate 1-dehydrogenase; G6PD
Gene ID	2539
SwissProt ID	P11413

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 FC: 1/50-1/100
Molecular Weight	Calculated MW: 59 kDa; Observed MW: 59 kDa

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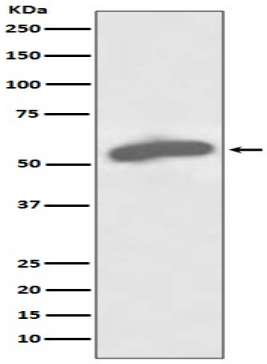
Background

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.

Research Area

Signal Transduction

Image Data



Western blot analysis of G6PD in MCF-7 lysates using Glucose 6 Phosphate Dehydrogenase antibody.

Note

For research use only.