Datasheet for ABIN7306626

anti-Glucose-6-Phosphate Dehydrogenase antibody

3 Images

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Overview

Quantity:	100 µL
Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucose-6-Phosphate Dehydrogenase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human H6PD
Specificity:	Recognizes endogenous levels of H6PD protein.
Characteristics:	Rabbit polyclonal antibody to H6PD
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Alternative Name:	H6PD (G6PD Products)
Background:	GDH, GDH/6PGL endoplasmic bifunctional protein
Gene ID:	9563

Target Details

UniProt:	O95479
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones

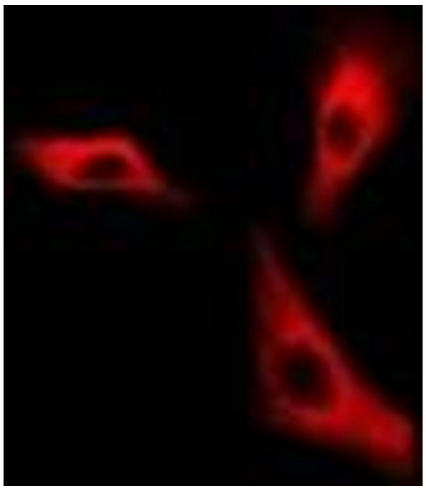
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:10 - 1:100)
Restrictions:	For Research Use only

Handling

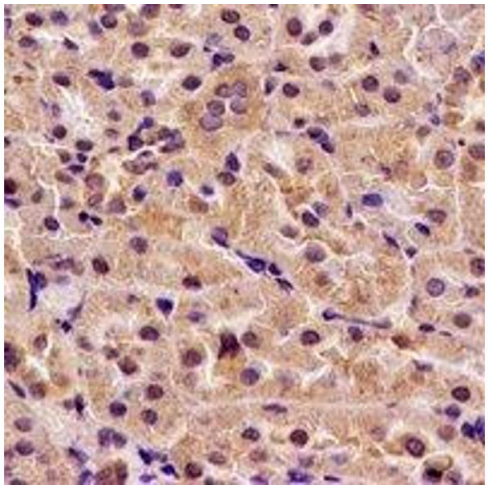
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



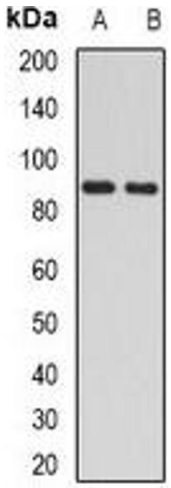
Immunofluorescence

Image 1. Immunofluorescent analysis of H6PD staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



Immunohistochemistry

Image 2. Immunohistochemical analysis of H6PD staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the ant



Western Blotting

Image 3. Western blot analysis of H6PD expression in mouse liver (A), mouse kidney (B) whole cell lysates.

