Datasheet for ABIN7262272

anti-Glucose-6-Phosphate Dehydrogenase antibody

3 Images

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Overview

Quantity:	200 µL
Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucose-6-Phosphate Dehydrogenase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human H6PD (NP_004276.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Alternative Name:	H6PD (G6PD Products)
Background:	There are 2 forms of glucose-6-phosphate dehydrogenase. G form is X-linked and H form, encoded by this gene, is autosomally linked. This H form shows activity with other hexose-6-phosphates, especially galactose-6-phosphate, whereas the G form is specific for glucose-6-phosphate. Both forms are present in most tissues, but H form is not found in red cells.

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Target Details

Molecular Weight:	Observed_MW: 89 kDa Calculated_MW: 88 kDa
Gene ID:	9563
UniProt:	O95479
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones

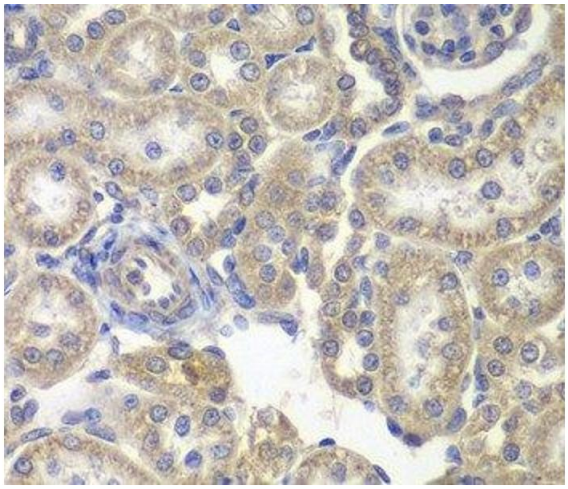
Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:10-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat kidney using H6PD Polyclonal Antibody at dilution of 1:200 (40x lens).

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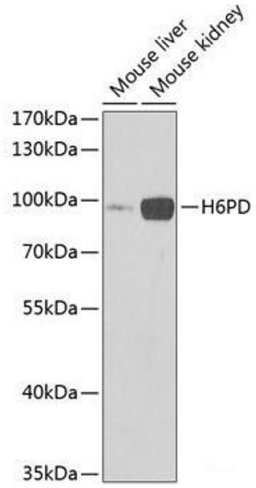
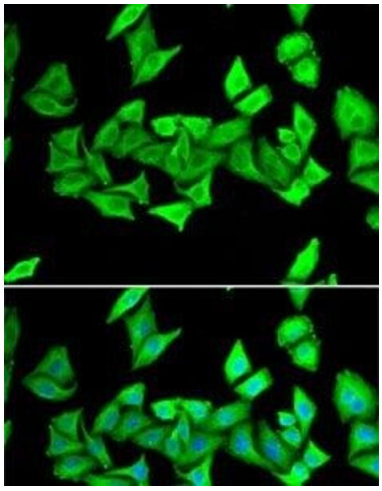


Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using H6PD Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence

Image 3. Immunofluorescence analysis of U2OS cells using H6PD Polyclonal Antibody

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