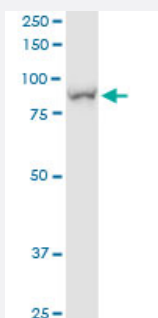


# H6PD (Human) IP-WB Antibody Pair

Catalog # H00009563-PW1

Size 1 Set

## Applications



Immunoprecipitation of H6PD transfected lysate using rabbit polyclonal anti-H6PD and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-H6PD.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (83); Rat (82)
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of H6PD transfected lysate using rabbit polyclonal anti-H6PD and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-H6PD.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-H6PD (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-H6PD (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — H6PD

**Entrez GeneID** [9563](#)

**Gene Name** H6PD

**Gene Alias** DKFZp686A01246, G6PDH, GDH, MGC87643

**Gene Description** hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)

**Omim ID** [138090 604931](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** 6-phosphogluconolactonase|G6PD, H form|GDH/6PGL endoplasmic bifunctional protein|OTTHU MP00000001703|glucose 1- dehydrogenase|glucose dehydrogenase|glucose dehydrogenase|glucose-6-phosphate dehydrogenase, salivary|hexose-6-phosphate dehydrogenase

## Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)

## Disease

- [Dementia](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)

- [Polycystic Ovary Syndrome](#)