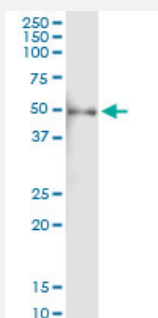


PHGDH (Human) IP-WB Antibody Pair

Catalog # H00026227-PW2

Size 1 Set

Applications



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

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PHGDH transfected lysate using rabbit polyclonal anti-PHGDH and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PHGDH.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PHGDH (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PHGDH (50 ug)
Storage Instruction	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 — PHGDH

Entrez GeneID	26227
Gene Name	PHGDH
Gene Alias	3-PGDH, 3PGDH, MGC3017, PDG, PGAD, PGD, PGDH, SERA
Gene Description	phosphoglycerate dehydrogenase
Omim ID	601815 606879
Gene Ontology	Hyperlink
Gene Summary	3-Phosphoglycerate dehydrogenase (PHGDH; EC 1.1.1.95) catalyzes the transition of 3-phosphoglycerate into 3-phosphohydroxypyruvate, which is the first and rate-limiting step in the phosphorylated pathway of serine biosynthesis, using NAD ⁺ /NADH as a cofactor.[supplied by OMIM]
Other Designations	3-phosphoglycerate dehydrogenase OTTHUMP00000013926

Pathway

- [Glycine](#)
- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Schizophrenia](#)