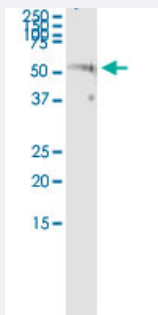


HERPUD1 (Human) IP-WB Antibody Pair

Catalog # H00009709-PW3

Size 1 Set

Applications



Immunoprecipitation of HERPUD1 transfected lysate using rabbit polyclonal anti-HERPUD1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-HERPUD1.

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 (88); Rat (87)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of HERPUD1 transfected lysate using rabbit polyclonal anti-HERPUD1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-HERPUD1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-HERPUD1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-HERPUD1 (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 — HERPUD1

Entrez GeneID [9709](#)

Gene Name HERPUD1

Gene Alias HERP, KIAA0025, Mif1, SUP

Gene Description homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1

Omim ID [608070](#)

Gene Ontology [Hyperlink](#)

Gene Summary The accumulation of unfolded proteins in the endoplasmic reticulum (ER) triggers the ER stress response. This response includes the inhibition of translation to prevent further accumulation of unfolded proteins, the increased expression of proteins involved in polypeptide folding, known as the unfolded protein response (UPR), and the destruction of misfolded proteins by the ER-associated protein degradation (ERAD) system. This gene may play a role in both UPR and ERAD. Its expression is induced by UPR and it has an ER stress response element in its promoter region while the encoded protein has an N-terminal ubiquitin-like domain which may interact with the ERAD system. This protein has been shown to interact with presenilin proteins and to increase the level of amyloid-beta protein following its overexpression. Alternative splicing of this gene produces multiple transcript variants, some encoding different isoforms. The full-length nature of all transcript variants has not been determined. [provided by RefSeq]

Other Designations MMS-inducible|homocysteine-inducible endoplasmic reticulum stress-inducible ubiquitin-like domain member 1 protein|methyl methanesulfonate (MMF)-inducible fragment protein 1

Disease

- [Kidney Failure](#)