

## Produktinformation



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## HERPUD1 (Human) Matched Antibody Pair Catalog # : H00009709-AP11 規格:[1Set] List All Specification **Application Image** ELISA Pair (Recombinant This antibody pair set comes with matched antibody pair to detect and Product protein) quantify protein level of human HERPUD1. **Description:** Reactivity: Human Quality Control Standard curve using recombinant protein (H00009709-P01) as an analyte. Testing: 0.8 0.7 0.6 S 0.5 8 0.4 0.3 0.2 0.1 0.01 0.1 1 10 100 1000 Recombinant Protein Concentration (ng/ml) Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml. Supplied Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-**Product:** HERPUD1 (100 ug) 2. Detection antibody: mouse monoclonal anti-HERPUD1, IgG1 Kappa (20 ug) \*Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols. Storage 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 -Instruction: 20°C storage immediately after use. MSDS: Download **Applications** ELISA Pair (Recombinant protein) Protocol Download **Gene Information** Entrez GenelD: 9709 HERPUD1 Gene Name: Gene Alias: HERP, KIAA0025, Mif1, SUP homocysteine-inducible, endoplasmic reticulum stress-inducible, Gene ubiquitin-like domain member 1 **Description:** Omim ID: <u>608070</u> Gene Ontology: Hyperlink

Kidney Failure, Chronic	
Related Disease	
Other Designations:	MMS-inducible,homocysteine-inducible endoplasmic reticulum stress- inducible ubiquitin-like domain member 1 protein,methyl methanesulfonate (MMF)-inducible fragment protein 1
Gene Gummary	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

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