

Immunotag™ HERP Antibody

Antibody Specification	
Catalog No.	ITA2932
Product Description	Immunotag™ HERP Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HERP
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human HERP.
Specificity	HERP antibody detects endogenous levels of HERP.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	HERPUD1
Accession No.	Q15011
Alternate Names	HERP; HERP1_HUMAN; HERPUD1; Homocysteine inducible endoplasmic reticulum stress inducible ubiquitin like domain member 1; Homocysteine inducible endoplasmic reticulum stress inducible ubiquitin like domain member 1 protein; Homocysteine responsive endoplasmic reticulum resident ubiquitin like domain member 1; Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein; KIAA0025; Methyl methanesulfonate (MMF) inducible fragment protein 1; Methyl methanesulfonate (MMF)-inducible fragment protein 1; MIF1; MMS inducible; SUP;

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Description	Component of the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins. Could enhance presenilin-mediated amyloid-beta protein 40 generation. Binds to ubiquilins and this interaction is required for efficient degradation of CD3D via the ERAD pathway (PubMed:18307982).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	52 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.