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anti-HERPUD1 antibody (N-Term)



Image



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Quantity:	400 μL	
Target:	HERPUD1	
Binding Specificity:	AA 55-83, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This HERPUD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 55-83 amino acids from the N-terminal region of human HERPUD1.	
Clone:	RB36972	
Isotype:	Ig Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	HERPUD1	
Alternative Name:	HERPUD1 (HERPUD1 Products)	
Background:	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].

 Molecular Weight:
 43720

 Gene ID:
 9709

 NCBI Accession:
 NP_001010989, NP_001259032, NP_055500

 UniProt:
 Q15011

 Pathways:
 ER-Nucleus Signaling

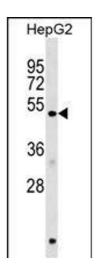
Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	HERPUD1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long terr storage, keep at -20 °C.	
Expiry Date:	6 months	



Western Blotting

Image 1. HERPUD1 Antibody (N-term) (ABIN1539462 and ABIN2848867) western blot analysis in HepG2 cell line lysates ($35\,\mu g/lane$). This demonstrates the HERPUD1 antibody detected the HERPUD1 protein (arrow).