# eIF4H Antibody



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

#### For Research Use Only, Not for Use in Diagnostic Procedures

Applications: W	Reactivity: H Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 25, 27	Source/Isotype: Rabbit	UniProt ID: #Q15056	Entrez-Gene Id: 7458
Product Usage Information		<b>Application</b> Western Blotting			<b>Dilution</b> 1:1000	
Storage		Supplied in 10 mM so 20°C. Do not aliquot t		s), 150 mM NaCl, 100 μg/	ml BSA and 50% gl	ycerol. Store at –
Specificity/Sensitivity		eIF4H Antibody detects endogenous levels of total eIF4H protein (both long and short isoforms).				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to a sequence of human eIF4H. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		(eIF4H) was purified t translation in an assa hydrolysis catalyzed b stimulate the initial ra Interaction between e for Vhs-mediated deg corresponding eIF4H	o near homogeneit y deficient in eIF4F by the initiation fact ate and extent of eIF eIF4H and the herpe radation of mRNA ( gene, results in Wil	ation of translation. Euka y from rabbit reticulocyto and eIF4B (1). eIF4H indu- ors eIF4A and eIF4B (1,2) E4A-mediated mRNA sec- es simplex virus shutoff p 4). Deletion of a large re- liams-Beuren Syndrome cular problems, mental r	e lysate and shown uces the RNA-deper ). eIF4H was further ondary structure ur orotein (Vhs) appea gion of chromosom (WBS), an autosom	to stimulate ndent ATP r shown to nwinding (3). rs to be important ne 7, including the al dominant
Background References		1. Richter-Cook, N.J. et al. (1998) <i>J Biol Chem</i> 273, 7579-87. 2. Rogers, G.W. et al. (1999) <i>J Biol Chem</i> 274, 12236-44. 3. Rogers, G.W. et al. (2001) <i>J Biol Chem</i> 276, 30914-22. 4. Sarma, N. et al. (2008) <i>J Virol</i> 82, 6600-9. 5. Osborne, L.R. et al. (1996) <i>Genomics</i> 36, 328-36.				
Species Reactiv	vity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.				
Applications Key		W: Western Blotting				

### **Cross-Reactivity Key**

H: Human Mk: Monkey

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