e at -20C	AMFR Antibody		Cell Signaling	
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
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#		3 Trask Lane   Danvers   Ma	ssachusetts 01923 USA	

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

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	Applications: WB, IP	Reactivity: H Mk Dg	Sensitivity: Endogenous	<b>MW (kDa):</b> 75	Source: Rabbit	UniProt ID: #Q9UKV5	Entrez-Gene Id: 267	
	Product Usage Information	v	Application Western Blotting			<b>Dilution</b> 1:1000		
	Storage	S	Immunoprecipitation Supplied in 10 mM sodiu 0°C. Do not aliquot the		), 150 mM NaCl, 10	1:50 Ю µg/ml BSA and 50% g	lycerol. Store at –	
Specificity / Sensitivity			AMFR Antibody recognizes endogenous levels of total AMFR protein. This antibody does not cross-react with HRD1.					
	Source / Purification	re		y terminus of hum		h a synthetic peptide cor ntibodies are purified by		
	Background	c fa c r u r c c c d d h u r r r r r r r r r r r r r r r r r r	oupled receptor that fur actor/phosphoglucose is ssociated smooth ER d ytokine receptor and ub netastasis development biquitin ligase after seq esponsible for ubiquitin omponent and amongst egradation (ERAD) mad eglycosylation, retro-tra ave shown that AMFR p biquitination of HMG-Co nplicated in the degrada netastasis suppressor K nvolved in metastasis de	actions, in part, at t somerase (AMF/PC omain where it fun iquitin ligase, is lin and increased inv uence analysis ide ligase activity and the best characte chinery, a process nslocation to the c blays an important bA reductase and i ation of apolipopro AI-1/CD-82, repre- evelopment (8). Inc	he cell surface as a GI). AMFR is also lo ctions as an E3 ubio ked to a variety of c asiveness. AMFR w ntified a catalytic RI ubiquitin binding, re rized ubiquitin ligas involving recognitio ytosol, and targeting role in cholesterol F ts cofactor Insig-1 (f tein B100 (7). It was senting the first evic creased expression	ven transmembrane don cytokine receptor for au calized to an intracellular quitin ligase (1). AMFR ft sellular signaling cascade vas initially proposed to b ING finger and CUE moti espectively (2,3). Indeed, es of the endoplasmic re n of misfolded proteins, t g to the proteasome (4). nomeostasis via the stere 5,6). Furthermore, AMFR s recently reported that A lence that AMFR ubiquiti of AMFR cogratates with	tocrine motility mitochondria- unction, as both a es associated with e a RING-H2 E3 if, which are AMFR is a key ticulum associated ubiquitination, Recent studies ol-mediated thas been MFR degrades the n ligase activity is a high incidence of	
	Background Refere	2 3 4 5 6 7 8 9 10	. Registre, M. et al. (200 . Shimizu, K. et al. (199 . Ponting, C.P. (2000) <i>B</i> . Meusser, B. et al. (2005 . Song, B.L. et al. (2005) . Lee, J.N. et al. (2006) . Liang, J.S. et al. (2007) . Hirono, Y. et al. (1996) . Nakamori, S. et al. (19 . Otto, T. et al. (1997) <i>A</i>	<ul> <li>9) FEBS Lett 456,</li> <li>iochem J 351 Pt 2</li> <li>105) Nat Cell Biol 7,</li> <li>106) Nol Cell 19, 829;</li> <li>107 J Biol Chem 281, 3</li> <li>108 J Biol Chem 278;</li> <li>108 Nat Med 13, 1504;</li> <li>109 Biol Cancer 74, 2</li> <li>109 Cancer 74, 18</li> </ul>	295-300. , 527-35. 766-72. -40. 39308-15. , 23984-8. -9. 003-7. 55-62.	20, 1316-22.		
	Species Reactivity	Sp	pecies reactivity is deter	mined by testing ir	n at least one appro	ved application (e.g., we	stern blot).	
	Western Blot Buffer		IPORTANT: For westerr 1% Tween® 20 at 4°C v			d primary antibody in 5%	o w/v BSA, 1X TBS,	

Applications Key WB: Western Blotting IP: Immunoprecipitation

1/1/24, 1:29 PM	AMFR Antibody (#9590) Datasheet Without Images Cell Signaling Technology
Cross-Reactivity Key	Hin K Antibody (#9590) Datasheet Without images Cen Signaling Technology H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected
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