e at -20C	KISS1R (D9D7C) Rabbit mAb		Cell Signaling	
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For Research Use Only	Not for Use	in Diagnostic Procedures.
FOI INESCAIGH USE OINS	1101 101 030	in Diagnostic Flocedules.

Applications: WB, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 40-140	Source/Isotype: Rabbit IgG	UniProt ID: #Q969F8	Entrez-Gene Id: 84634		
Product Usage Information		pplication /estern Blotting nmunoprecipitation			Dilution 1:1000 1:50			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity / Sensitivity		KISS1R (D9D7C) Rabbit mAb recognizes endogenous levels of total KISS1R protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human KISS1R protein.						
Background	and an pej am wit KiS rec The kis dei Ho tun	d plays a major role i orphan receptor hom ptide products of the hidated kisspeptin liga h expression controll SS-1 receptor or <i>KISS</i> duced levels of circula e administration of ki speptins play a majo monstrates that KISS wever, other studies	n gonadotropic a nologous to the g metastasis supp ands are produce ed by gonadal ho S-1 genes leads t ating testosterone sspeptins potentl r role in the phys S1R and kisspept indicate that incr nigher tumor grac	s a G protein-coupled re- xis physiology (1). The alanin receptor, and late ressor gene <i>KiSS-1 (KIS</i> d predominantly in cells ormones (4). Research so o hypogonadotropic hyp e and gonadotropins, as y stimulates gonadotrop iology of the gonadotrop ins inhibit metastasis in eased expression of KIS le and metastatic potent	GPR54 protein was or er identified as a recep SS1, Kisspeptin-1) (2,3 of the arcuate nucleu studies show that dele bogonadism, a disorde well as abnormal sex bin secretion, indicating ic axis (7). Additional cancer cells by inhibiti SS1R and its ligands ir	iginally described as tor for amidated 3). In humans, s and preoptic area, tion of either the er characterized by ual maturation (5,6). g that KISS1R and research ng cell motility (8). h human breast		
Background Refe	2. I 3. (4. I 5. (6. (7. (8. (Lee, D.K. et al. (1999 Ohtaki, T. et al. (2001 Lehman, M.N. et al. (de Roux, N. et al. (20 d'Anglemont de Tass Gottsch, M.L. et al. (2	 FEBS Lett 446, Nature 411, 61 2010) Brain Res Proc Natl Ac Proc Natl Ac igny, X. et al. (20 Cancer Metast 	3-7. 1364, 90-102. ad Sci U S A 100, 1097. 07) Proc Natl Acad Sci (ogy 145, 4073-7. asis Rev 31, 585-91.				
Species Reactivity	y Spe	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).		
Western Blot Buff		PORTANT: For wester % Tween® 20 at 4°C		membrane with diluted	primary antibody in 59	% w/v BSA, 1X TBS,		
Applications Key	WE	3: Western Blotting I	P: Immunoprecipi	tation				
Cross-Reactivity H	X : >		B: bovine Dg: d	Mk: monkey Vir: virus I og Pg: pig Sc: S. cerev es expected				
Trademarks and Patents			Technology is a trademark of Cell Signaling Technology, Inc. red trademark of Cell Signaling Technology, Inc.					

KISS1R (D9D7C) Rabbit mAb (#13776) Datasheet Without Images Cell Signaling Technology

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