e at -20C	LRP6 (C5C7) Rabbit mAb	C T	ell Signaling
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For Research Use Onl	v Not for Use in	Diagnostic Procedures.
FUI NESCAICH USE UNI		Diagnostic Frocedures.

Applications: WB, IP	Reactivity: H R	Sensitivity: Endogenous	MW (kDa): 180, 210	Source/Isotype: Rabbit IgG	UniProt ID: #O75581	Entrez-Gene Id: 4040		
Product Usage Information		oplication estern Blotting imunoprecipitation			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		LRP6 (C5C7) Rabbit mAb detects endogenous levels of total LRP6 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Met1409 of human LRP6.						
Background	(LE and The (2,3 act of p Sei	DLR)-related protein d three LDLR repeats ey function as co-rec 3). LRP5 and LRP6 a ivity of LRP5 and LR proteins (6,7). Upon r1490, and Thr1493	family. Unlike oth s in the extracellu ceptors for Wnt ar are highly homolo RP6 can be inhibit stimulation with V by kinases such	embrane proteins belom er members of the LDLF ilar domain, and proline nd are required for the c bgous and have redunda ted by the binding of sor Vnt, LRP6 is phosphory as GSK-3 and CK1 (8-1 s β-catenin signaling (8-	R family, LRP5 and LR -rich motifs in the cyto anonical Wnt/β-catenin ant roles during develo ne members of the Dio lated at multiple sites i 0). Phosphorylated LR	P6 have four EGF plasmic domain (1). n signaling pathway ppment (4,5). The ckkopf (DKK) family ncluding Thr1479,		
Background References		 Brown, S.D. et al. (1998) <i>Biochem. Biophys. Res. Commun.</i> 248, 879-888. Pinson, K.I. et al. (2000) <i>Nature</i> 407, 535-538. Tamai, K. et al. (2000) <i>Nature</i> 407, 530-535. Kelly, O.G. et al. (2004) <i>Development</i> 131, 2803-2815. He, X. et al. (2004) <i>Development</i> 131, 1663-1677. Semënov, M.V. et al. (2001) <i>Curr Biol</i> 11, 951-61. Bafico, A. et al. (2001) <i>Nat. Cell Biol.</i> 3, 683-668. Tamai, K. et al. (2004) <i>Mol. Cell</i> 13, 149-156. Zeng, X. et al. (2005) <i>Nature</i> 438, 873-877. Davidson, G. et al. (2005) <i>Nature</i> 438, 867-872. 						
Species Reactivity	spe	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., we	estern 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.				% w/v BSA, 1X TBS,		
Applications Key		: Western Blotting II	P: Immunoprecipi	itation				
Cross-Reactivity Key		 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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Limited Uses								

LRP6 (C5C7) Rabbit mAb (#2560) Datasheet Without Images Cell Signaling Technology

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