PTCH1 (C53A3) Rabbit mAb



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Applications: WB, IP	Reactivity: H	Sensitivity: Transfected Only	MW (kDa): 180-210	Source/Isotype: Rabbit IgG lambda	UniProt ID: #Q13635	Entrez-Gene lo 5727	
Product Usage	Ар	Application		Dilution			
Information	We	estern Blotting			1:1000		
	Imr	munoprecipitation			1:50		
Storage				7.5), 150 mM NaCl, 100 $\mu g/ml$ BSA, 50% glycerol and less than o not aliquot the antibody.			
Specificity / Sensitivity		PTCH1 (C53A3) Rabbit mAb detects immunoprecipitated or transfected levels of PTCH1.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro1307 of human PTCH1.					
Background	rece	eiving receptors for I	members of the F	re twelve-pass transmer Hedgehog family of prote	•		
	that of P (7,8 chol (ste Pato PTC	the Hedgehog sign TCH1 to suppress \$). PTCH proteins ha lesterol homeostasi rol regulatory eleme ched proteins is not	aling pathway is aling pathway is are frequent ave a sterol-sensis, such as HMGC ent-binding protein clear (9,10). of Hedgehog sig	se constitutively active sing the off state (5,6). Dealy found in patients with ing domain (SSD) also for (3-hydroxy-3-methylogn-cleavage activating properties (12,14).	activating mutations the nevoid basal cell card ound in several proteing glutaryl coenzyme A-reotein). However, the re	othened (Smo) so nat impair the ability cinoma syndrome ns that function in eductase) and SCAP ole of the SSD in	

Species Reactivity

Species reactivity is determined by testing in at least one approved 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

WB: Western Blotting IP: Immunoprecipitation

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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Trademarks and Patents

Limited Uses

PTCH1 (C53A3) Rabbit mAb (#2468) Datasheet Without Images Cell Signaling Technology

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