e at -20C	VANGL1 (D1J7X) Rabbit mAb				
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For Research Use Only	. Not for Use in	n Diagnostic Procedures	
		1 Diagnostio 1 100cuares	

Applications: WB	Reactivity: H M R Hm Mk	Sensitivity: Endogenous	MW (kDa): 60	Source/Isotype: Rabbit IgG	UniProt ID: #Q8TAA9	Entrez-Gene Id: 81839	
Product Usage Information	••	blication stern Blotting			Dilution 1:1000		
Storage			u u	7.5), 150 mM NaCl, 100 o not aliquot the antibody		erol and less than	
Specificity / Sens		GL1 (D1J7X) Rabb cross-react with VA		s endogenous levels of	total VANGL1 protein.	This antibody does	
Species predicted react based on 10 sequence homolo	0%	ken, Bovine, Pig, F	łorse				
Source / Purificat		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Leu309 of human VANGL1 protein.					
Background	multi bristl (PCF conv VAN prov supp defe	-pass transmembr les (1,2). As in Dro. P) pathway that pro- regence-extension GL1 gene have be iding evidence that ported by genetic st cts (6,7). A possible	ane protein that is sophila, mammali protes asymmetr movements that en identified in pa VANGL1 plays a cudies in mice, wh e role for VANGL	L2) are human ortholog s required to establish c an VANGL proteins are ic orientation of cells ac are critical for tissue mo atients diagnosed with n role in human embryon here mutations in both V in tumor progression is s with an elevated risk o	ell polarity in embryoni core components of th ross a planar surface, prphogenesis (3). Muta eural tube defects (e.g ic morphogenesis (4,5 ang/1 and Vang/2 resu suggested by an incre	ic eyes, legs, and ne planar cell polarity and drives ations in the human I., spina bifida), 5). These findings are Ilt in neural tube	
Background Refe	2. Ba 3. Ka 4. Kii 5. Mu 6. Ilie 7. Ch	astock, R. et al. (20 atoh, M. (2005) <i>On</i> bar, Z. et al. (2007)	03) Development col Rep 14, 1583 N Engl J Med 35 L5) Birth Defects 1) Biochemistry 5) Genet Mol Res	-8. 56, 1432-7. Res A Clin Mol Teratol 1 0, 795-804. 12, 3157-65.	03, 51-61.		
Species Reactivit	y Speci	es reactivity is det	ermined by testing	g in at least one approve	ed application (e.g., we	estern blot).	
Western Blot Buff			vestern blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, t 4°C with gentle shaking, overnight.				
Applications Key	WB:	Western Blotting					
Cross-Reactivity	X: Xe		B: bovine Dg: de	Mk: monkey Vir: virus N og Pg: pig Sc: S. cerevi es expected		-	
Trademarks and Patents	Cell S	Signaling Technolo	gy is a trademark	of Cell Signaling Techno	blogy, Inc.		

VANGL1 (D1J7X) Rabbit mAb (#14783) Datasheet Without Images Cell Signaling Technology

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