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# **DKK1 Antibody**



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

Applications: WB	Reactivity: H	Sensitivity: Transfected Only	<b>MW (kDa):</b> 30, 35	<b>Source:</b> Rabbit	<b>UniProt ID:</b> #O94907	Entrez-Gene Id: 22943
Product Usage Information	•	plication estern Blotting			Dilution 1:1000	
Storage	•	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity / Sensiti	vity DK	(1 Antibody detects	transfected levels	of DKK1 protein. Thi	is antibody does not cro	ss-react with DKK2.
Source / Purificatio			,	•	h a synthetic peptide co urified by peptide affinity	
Background	secr rich tem tran DKk impo lung	eted Wnt antagonis domains in which the porally and spatially smembrane protein (1 was initially ident ortant role in the reg cancers, esophage	ets by inhibiting Wn ne positions of 10 of regulated during a s Kremen1 and 2, v iffied as an inducer gulation of bone ma eal squamous cell of	t coreceptors LRP5 ysteine residues are unimal development which themselves al of head formation in uss (8-10). Increased carcinomas, and hor	, DKK2, DKK3 and DKK and LRP6 (1,2). DKKs of well conserved (3). The (4). DKKs also bind with so modulate Wnt signal in Xenopus embryos (7) and levels of DKK1 are four mone-resistant breast colorectal cancers (13,14)	contain two cysteine- eir expression is both n high affinity to ing (5,6). and plays an nd in the majority of ancers (11,12), while
Background Refere	2. N 3. K 4. M 5. M 6. D 7. G 8. B 9. M 10. D 11. F 12. Y 13. K	ao, B. et al. (2001) iehrs, C. (2006) Onrupnik, V.E. et al. (1 onaghan, A.P. et al. (2002) avidson, G. et al. (2903) avidson, G. et al. (1998) aron, R. and Rawac acDonald, B.T. et al. iarra, D. et al. (2007) orget, M.A. et al. (2004) amabuki, T. et al. (2004) guilera, O. et al. (2005) guilera, O. et al. (2005)	cogene 25, 7469-8 999) Gene 238, 30 (1999) Mech Dev Nature 417, 664-7 (002) Development B) Nature 391, 357- di, G. (2007) Curr C I. (2007) Bone 41, 7) Nat Med 13, 156 (007) Br J Cancer 9 (007) Cancer Res 6 6) Oncogene 25, 5	1. 1-13. 87, 45-56. 129, 5587-96. 62. 0steoporos Rep 5, 7: 331-9. -63. 6, 646-53. 7, 2517-25. 027-36.	3-80.	

**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

**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**

#### DKK1 Antibody (#4687) Datasheet Without Images Cell Signaling Technology

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