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DLK1 Antibody



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

Applications: WB, IP	Reactivity: H M	Sensitivity: Transfected Only	MW (kDa): 41	Source: Rabbit	UniProt ID: #P80370	Entrez-Gene Id 8788
Product Usage Information	Application		Dilution			
	We	estern Blotting			1:1000	
	Im	munoprecipitation			1:50	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity / Sensitivity		DLK1 Antibody detects transfected levels of total DLK1 protein.				
Species predicted react based on 10 sequence homolo	0%					
Source / Purificati	resi	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to a residues surrounding Met371 of human DLK1. Antibodies are purified by protein A and peptide affinity chromatography.				
Background DLK1 (delta-like-1), also known as fetal antigen 1 (FA1) and preadipocyte factor 1 (pref-1), is the epidermal growth factor (EGF)-like family of proteins, containing six tandem EGF-like repolation is a paternally expressed, imprinted gene that plays an important role in normal development to the maintenance of homeostasis of adipose tissue mass (3). DLK1 deficient mice display graterized and increased serum lipid metabolites (4). It has that the ectodomain of DLK1 is shredded from the cell surface and inhibits adipocyte different				ke repeats (1,2). development and in lay growth t has been reported		
Background Refer	2. S 3. K 4. M 5. S 6. M	1. Laborda, J. et al. (1993) <i>J Biol Chem</i> 268, 3817-20. 2. Smas, C.M. and Sul, H.S. (1993) <i>Cell</i> 73, 725-34. 3. Kobayashi, S. et al. (2000) <i>Genes Cells</i> 5, 1029-37. 4. Moon, Y.S. et al. (2002) <i>Mol Cell Biol</i> 22, 5585-92. 5. Smas, C.M. et al. (1997) <i>Mol Cell Biol</i> 17, 977-88. 6. Mei, B. et al. (2002) <i>Biochem J</i> 364, 137-44. 7. Wang, Y. et al. (2006) <i>J Nutr</i> 136, 2953-6.				

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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Limited Uses

DLK1 Antibody (#2069) Datasheet Without Images Cell Signaling Technology

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