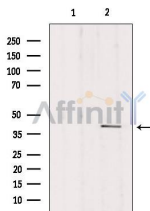


## DLK1 Ab

Images(1)

Cat.#: DF7062	Concn.: ~1mg/ml	Mol.Wt.: 41kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human DLK1, corresponding to a region within the internal amino acids.	
Uniprot:	P80370	
Description:	DLK1 (delta-like-1), also known as fetal antigen 1 (FA1) and preadipocyte factor 1 (pref-1), is a member of the epidermal growth factor (EGF)-like family of proteins, containing six tandem EGF-like repeats (1,2). DLK1 is a paternally expressed, imprinted gene that plays an important role in normal development and in the maintenance of homeostasis of adipose tissue mass . DLK1 deficient mice display growth retardation, obesity, skeletal malformation, and increased serum lipid metabolites . It has been reported that the ectodomain of DLK1 is shredded from the cell surface and inhibits adipocyte differentiation ( 5-7).	



Western blot analysis of extracts from mouse brain, using DLK1 Ab. Lane 1 was treated with the blocking peptide.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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