

Description

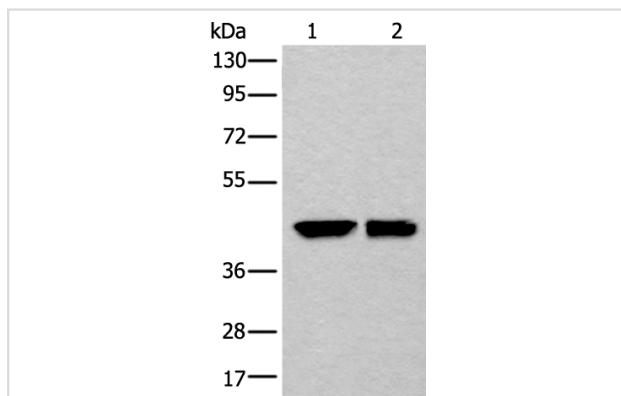
Product Name	DLK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DLK1 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human DLK1
Target Name	DLK1
Other Names	DLK; FA1; ZOG; pG2; DLK-1; PREF1; Delta1; Pref-1
Accession No.	Swiss-Prot#: P80370NCBI Gene ID: 8788
Uniprot	P80370
GeneID	8788;
Calculated MW	41kd
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1000

Immunohistochemistry: 1: 20-100

Images



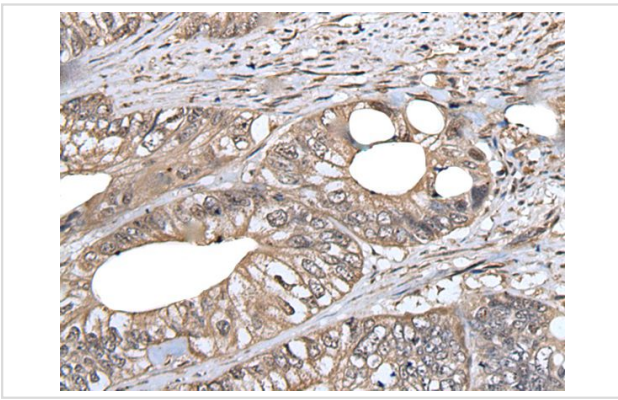
Gel: 6%SDS-PAGE

Lysate: 40 µg, Lane 1-2: HEPG2 and 231 cell lysates,

Primary antibody:DLK1 antibody at dilution 1/250,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 3 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using DLK1 Antibody at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)

Background

This gene encodes a transmembrane protein that contains multiple epidermal growth factor repeats that functions as a regulator of cell growth. The encoded protein is involved in the differentiation of several cell types including adipocytes. This gene is located in a region of chromosome 14 frequently showing uniparental disomy, and is imprinted and expressed from the paternal allele. A single nucleotide variant in this gene is associated with child and adolescent obesity and shows polar overdominance, where heterozygotes carrying an active paternal allele express the phenotype, while mutant homozygotes are normal.

Note: This product is for in vitro research use only