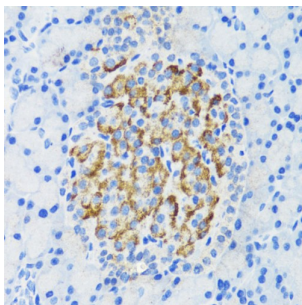


Protein Delta Homolog 1 (DLK1) Antibody

Catalogue No.: abx002066



Immunohistochemistry of paraffin-embedded Rat pancreatic islet using DLK1 Antibody (1/200 dilution, 40x lens).

DLK1 Antibody is a Rabbit Polyclonal antibody against DLK1. This gene encodes a transmembrane protein containing six epidermal growth factor repeats. The protein is involved in the differentiation of several cell types, including adipocytes; it is also thought to be a tumor suppressor. It is one of several imprinted genes located in a region of on chr 14q32. Certain mutations in this imprinted region can cause phenotypes similar to maternal and paternal uniparental disomy of chromosome 14 (UPD14). This gene is expressed from the paternal allele. A polymorphism within this gene has been associated with child and adolescent obesity. The mode of inheritance for this polymorphism is polar overdominance; this non-Mendelian inheritance pattern was first described in sheep with the callipyge phenotype, which is characterized by muscle hypertrophy and decreased fat mass.

Target:	Protein Delta Homolog 1 (DLK1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IHC
Host:	Rabbit
Recommended dilutions:	IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to human DLK1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 9.0.0
Revision date: 05 Mar 2025



UniProt Primary AC: P80370 ([UniProt](#), [ExPASy](#))

Gene Symbol: DLK1

GeneID: [8788](#)

KEGG: hsa:8788

String: [9606.ENSP00000340292](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only