

Allgemeine Informationen

Katalog-Nr.: 67923-1-Ig	GenBank-Zugangsnummer: BC007741	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von8788 Nanodrop;	GeneID (NCBI): von8788	CloneNo.: 2C3H8
Wirt: Maus	Vollständiger Name: delta-like 1 homolog (Drosophila)	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:2000-1:8000
Isotyp: IgG1	Berechnete Masse: 41 kDa	
Immunogen Katalognummer: AG30916	Beobachtete Masse: 45-60 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Hausschwein, Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : JAR-Zellen, Hausschwein-Nebennierengewebe, humanes Plazenta-Gewebe, NCCIT-Zellen

IHC : humanes Pankreaskarzinomgewebe,

Hintergrundinformationen

DLK1, also named PREF1, FA1, or pG2, is a transmembrane protein belonging to the epidermal growth factor (EGF)-like superfamily (PMID: 8095043). It contains six EGF-like repeats in the extracellular region. DLK1 is abundant in preadipocytes and regulate adipocyte differentiation negatively (PMID: 8500166). Deficiency of DLK1 gives rise to growth retardation and accelerated adiposity in mouse model. Expression of DLK1 is found in tumors with neuroendocrine features that implies DLK1 may be involved in neuroendocrine differentiation (PMID: 8095043). It has been reported overexpression of DLK1 could lead to the development of metabolic abnormalities by impairment of adipocyte function in mice (PMID: 12588883). The gene of DLK1 maps to chromosome 14q32, and encodes a 383-amino acid protein with a calculated molecular mass of 41 kDa. In preadipocytes, multiple discrete forms of DLK1 protein of 45-60 kDa are present, owing in part to N-linked glycosylation (PMID: 8500166).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

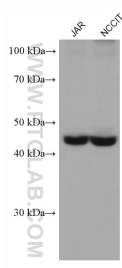
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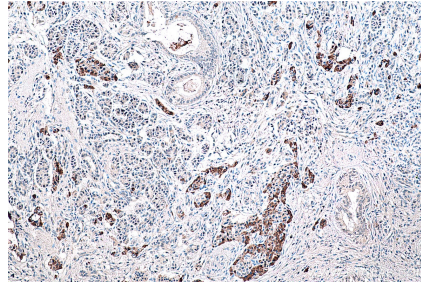
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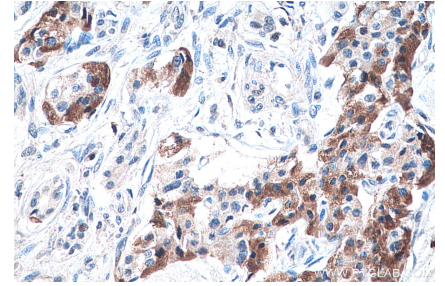
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67923-1-Ig (DLK1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67923-1-Ig (DLK1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67923-1-Ig (DLK1 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).