

Allgemeine Informationen

Katalog-Nr.: 10636-1-AP	GenBank-Zugangsnummer: BC007741	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 650 µg/ml von Nanodrop;	GeneID (NCBI): 8788	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: delta-like 1 homolog (Drosophila)	
Isotyp: IgG	Berechnete Masse: 41 kDa	
Immunogen Katalognummer: AG0991	Beobachtete Masse: 45-60 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Maus, Ratte

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

Positivkontrollen:

WB : Maus-Plazenta-Gewebe, 3T3-L1-Zellen, A549-Zellen, Maus-Eierstockgewebe, Maushirngewebe, MCF-7-Zellen

IHC : humanes Pankreaskarzinomgewebe, humanes Mammakarzinomgewebe

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).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Junyan Tao	24837480	Gastroenterology	IHC
Jinjing Tan	31661545	Biosci Rep	WB,IHC
Ran Jing	31090987	Nephrology (Carlton)	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

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

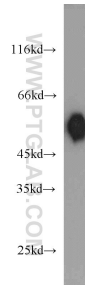
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

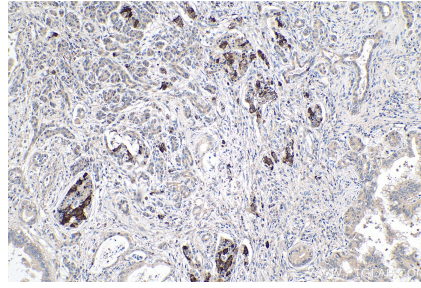
E: proteintech@ptglab.com
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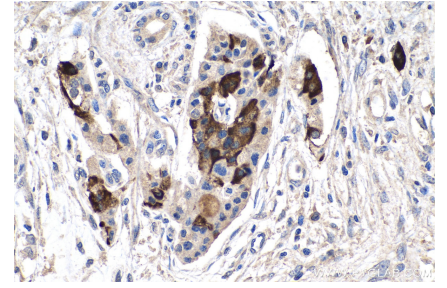
Ausgewählte Validierungsdaten



mouse placenta tissue were subjected to SDS PAGE followed by western blot with 10636-1-AP (DLK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10636-1-AP (DLK1 antibody) at dilution of 1:1000 (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 10636-1-AP (DLK1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).