

DLK1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20959c

Specification

DLK1 Antibody (C-term) - Product Information

| | |
|-------------------|------------------------|
| Application | WB, FC, IHC-P,E |
| Primary Accession | P80370 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 41300 |
| Antigen Region | 368-402 |

DLK1 Antibody (C-term) - Additional Information

Gene ID 8788

Other Names

Protein delta homolog 1, DLK-1, pG2, Fetal antigen 1, FA1, DLK1, DLK

Target/Specificity

This DLK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 368-402 amino acids from the C-terminal region of human DLK1.

Dilution

WB~~1:1000

FC~~1:25

IHC-P~~1:25

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DLK1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DLK1 Antibody (C-term) - Protein Information

Name DLK1

Synonyms DLK

Function May have a role in neuroendocrine differentiation.

Cellular Location

Membrane; Single-pass type I membrane protein. Cytoplasm {ECO:0000250|UniProtKB:O70534}

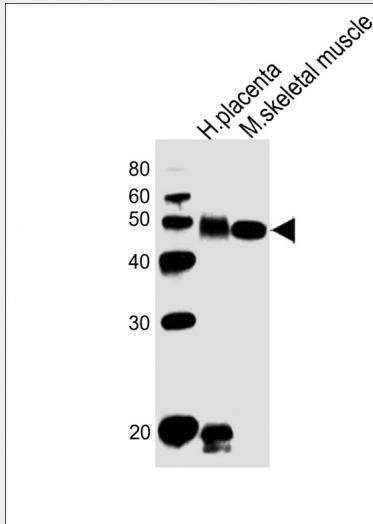
Tissue Location

Found within the stromal cells in close contact to the vascular structure of placental villi, yolk sac, fetal liver, adrenal cortex and pancreas and in the beta cells of the islets of Langerhans in the adult pancreas. Found also in some forms of neuroendocrine lung tumor tissue

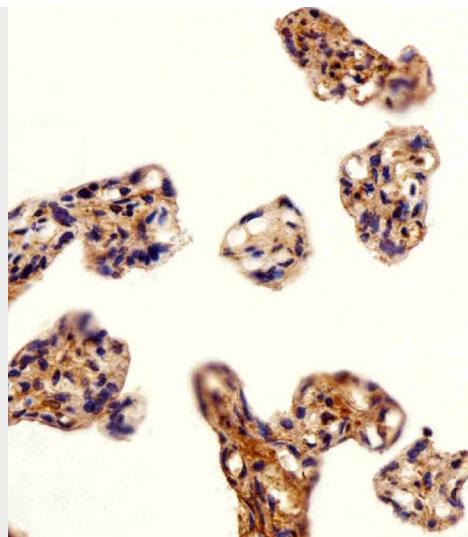
DLK1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

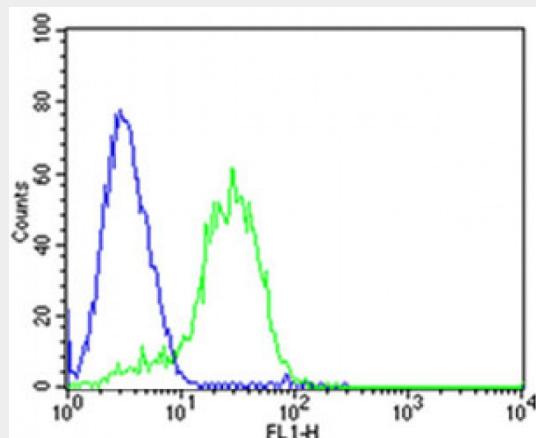
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DLK1 Antibody (C-term) - Images

All lanes : Anti-DLK1 Antibody (C-term) at 1:1000 dilution Lane 1: human placenta lysates Lane 2: mouse skeletal muscle lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 41 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded H. placenta section using DLK1 Antibody (C-term)(Cat#AP20959c). AP20959c was diluted at 1:25 dilution. A undiluted biotinylated goat polyclonal antibody was used as the secondary, followed by DAB staining.



Flow cytometric analysis of HepG2 cells using DLK1 Antibody (C-term)(green, Cat#AP20959c) compared to an isotype control of mouse IgG2b(blue). AP20959c was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.

DLK1 Antibody (C-term) - Background

May have a role in neuroendocrine differentiation.

DLK1 Antibody (C-term) - References

Laborda J.,et al.J. Biol. Chem. 268:3817-3820(1993).
Lee Y.L.,et al.Biochim. Biophys. Acta 1261:223-232(1995).
Helman L.J.,et al.Nucleic Acids Res. 18:685-685(1990).
Heilig R.,et al.Nature 421:601-607(2003).
Jensen C.H.,et al.Eur. J. Biochem. 225:83-92(1994).

DLK1 Antibody (C-term) - Citations

- [Endoglin Is Essential for the Maintenance of Self-Renewal and Chemoresistance in Renal Cancer Stem Cells.](#)