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DLK1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20959c

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	P80370
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51648
Calculated MW	41300

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 IHC-P~~1:100~500 FC~~1:25 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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.

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

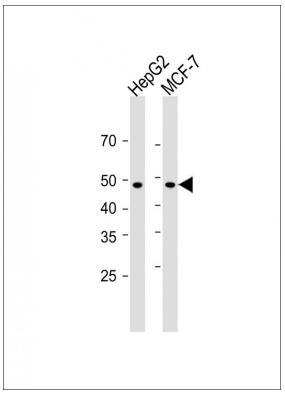
Background

May have a role in neuroendocrine differentiation.

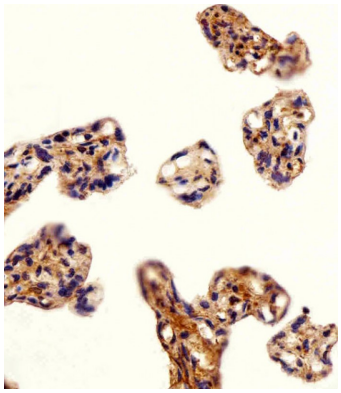
References

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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).

Images

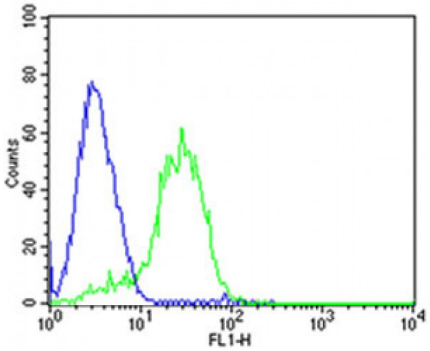


All lanes: Anti-DLK1 Antibody (C-term) at 1:500 dilution Lane 1: HepG2 whole cell lysate Lane 2: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 45 KDa Blocking/Dilution buffer: 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 polyvalent 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 lgG at 1:400 dilution was used as the secondary antibody.



Citations

- Endoglin Is Essential for the Maintenance of Self-Renewal and Chemoresistance in Renal Cancer Stem Cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.