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(Mouse) Dlk1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20860c

Specification

(Mouse) Dlk1 Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q09163
Reactivity	**Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**41320**

(Mouse) Dlk1 Antibody (C-term) - Additional Information

Gene ID 13386

Other Names
Protein delta homolog 1, DLK-1, Adipocyte differentiation inhibitor protein, Preadipocyte factor 1, Pref-1, Fetal antigen 1, FA1, Dlk1, Dlk, Pref1, Scp-1

Target/Specificity
This (Mouse) Dlk1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 372-405 amino acids from the C-terminal region of human (Mouse) Dlk1.

Dilution
WB~~1:500-1:1000
FC~~1:25

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
(Mouse) Dlk1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

(Mouse) Dlk1 Antibody (C-term) - Protein Information

Name Dlk1

Synonyms Dlk, Pref1, Scp-1

Function May have a role in neuroendocrine differentiation. Inhibits adipocyte differentiation.

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

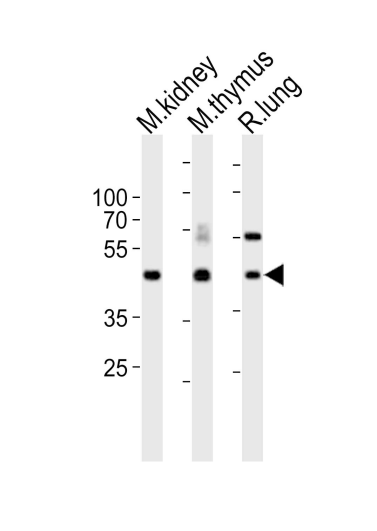
Tissue Location
Highly expressed in fetal liver, placenta, adult adrenal gland, brain, testis and ovary and, to a lesser degree, in adult kidney, muscle, thymus and heart.

(Mouse) Dlk1 Antibody (C-term) - Protocols

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

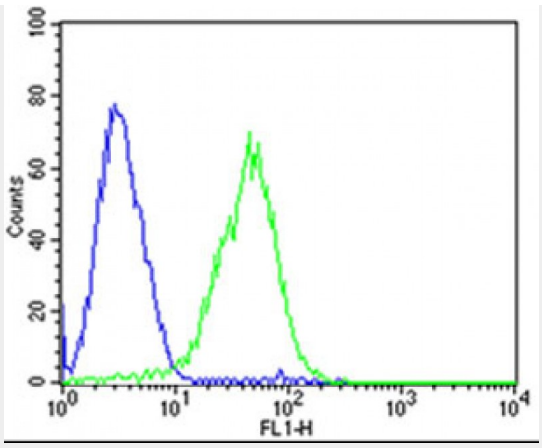
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

(Mouse) Dlk1 Antibody (C-term) - Images



Western blot analysis of lysates from mouse kidney, mouse thymus, rat lung tissue lysate (from left to right), using Dlk1 Antibody (C-term)(Cat. #AP20860c). AP20860c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

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Flow cytometric analysis of HepG2 cells using (Mouse) Dlk1 Antibody (C-term)(green, Cat#AP20860c) compared to an isotype control of mouse IgG2b(blue). AP20860c was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.

(Mouse) Dlk1 Antibody (C-term) - Background

May have a role in neuroendocrine differentiation. Inhibits adipocyte differentiation.

(Mouse) Dlk1 Antibody (C-term) - References

Laborda J.,et al.J. Biol. Chem. 268:3817-3820(1993).
Smas C.M.,et al.Cell 73:725-734(1993).
Lee Y.L.,et al.Biochim. Biophys. Acta 1261:223-232(1995).
Maruyama K.,et al.Submitted (AUG-1993) to the EMBL/GenBank/DDBJ databases.
Smas C.M.,et al.Biochemistry 33:9257-9265(1994).

(Mouse) Dlk1 Antibody (C-term) - Citations

- Administration of CoCl Improves Functional Recovery in a Rat Model of Sciatic Nerve Transection Injury.