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(Mouse) Dlk1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20860c

Product Information

Application	WB, FC, E
Primary Accession	Q09163
Reactivity	Human, Rat, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51210
Calculated MW	41320

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

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.

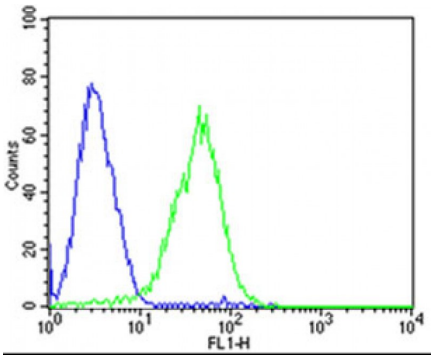
Background

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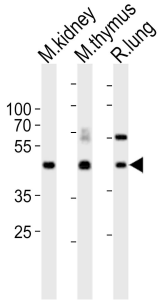
References

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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).

Images



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 lgG at 1:400 dilution was used as the secondary antibody.



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.

Citations

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

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