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DLK2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9025b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q6UY11
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40548
Antigen Region	353-380

Additional Information

Gene ID	65989
Other Names	Protein delta homolog 2, DLK-2, Epidermal growth factor-like protein 9, EGF-like protein 9, DLK2, EGFL9
Target/Specificity	This DLK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 353-380 amino acids from the C-terminal region of human DLK2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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	DLK2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DLK2
Synonyms	EGFL9
Function	Regulates adipogenesis.

Cellular Location Membrane; Single-pass type I membrane protein

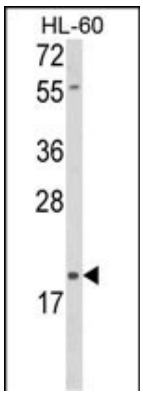
Background

DLK2 (Delta like protein 2) affects adipogenesis of 3T3-L1 preadipocytes and mesenchymal C3H10T1/2 cells suggesting a role as a regulator of adipogenesis.

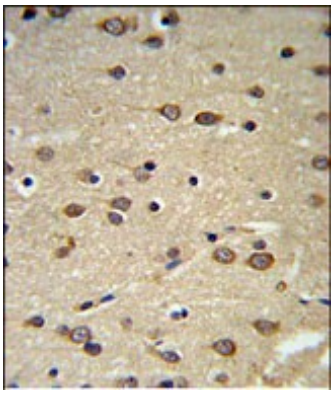
References

Mural R.J., et.al., Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

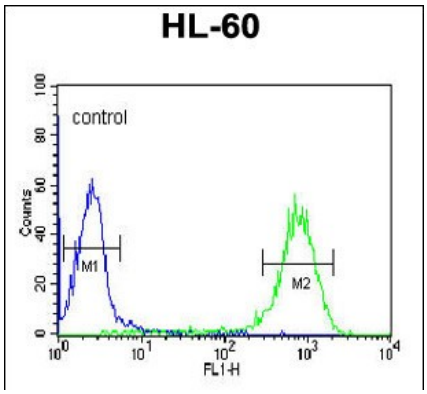
Images



Western blot analysis of DLK2 Antibody (C-term) (Cat. #AP9025b) in HL-60 cell line lysates (35ug/lane). DLK2 (arrow) was detected using the purified Pab.

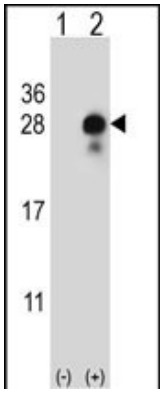


DLK2 Antibody (C-term) (Cat. #AP9025b) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DLK2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



DLK2 Antibody (C-term) (Cat. #AP9025b) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western blot analysis of DLK2 (arrow) using rabbit polyclonal DLK2 Antibody (C-term) (Cat. #AP9025b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DLK2 gene.



Citations

- The mixed-lineage kinase DLK is a key regulator of 3T3-L1 adipocyte differentiation.

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