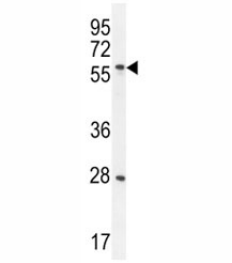
DLK Antibody (F41292)

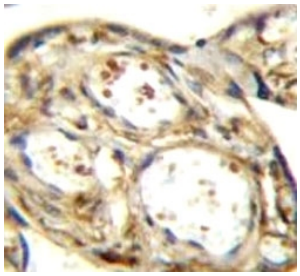
Catalog No.	Formulation	Size
F41292-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41292-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P80370
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This DLK antibody is available for research use only.



DLK antibody western blot analysis in CEM lysate. Observed molecular weight 41~60 kDa depending on glycosylation level.



DLK antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue.

Description

This gene encodes a transmembrane protein containing six epidermal growth factor repeats. The protein is involved in the differentiation of several cell types, including adipocytes; it is also thought to be a tumor suppressor. It is one of several imprinted genes located in a region of on chr 14q32. Certain mutations in this imprinted region can cause phenotypes similar to maternal and paternal uniparental disomy of chromosome 14 (UPD14). This gene is expressed from the paternal allele. A polymorphism within this gene has been associated with child and adolescent obesity. The mode of inheritance for this polymorphism is polar overdominance; this non-Mendelian inheritance pattern was first described in sheep with the callipyge phenotype, which is characterized by muscle hypertrophy and decreased fat mass.

Application Notes

Titration of the DLK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This DLK antibody was produced from rabbits immunized with a recombinant protein of human DLK.

Storage

Aliquot the DLK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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