

Rabbit anti-Human DLK Polyclonal Antibody | anti-DLK1 antibody

DLK Antibody

CATALOG # AAA283818	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

DLK; Polyclonal Antibody; DLK Antibody; Protein delta homolog 1; DLK-1; pG2; Fetal antigen 1; FA1; DLK1; anti-DLK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DLK Antibody is generated from rabbits immunized with a recombinant protein of human DLK.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	310
Applicable Applications for anti-DLK1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

DLK Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DLK Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

DLK Antibody western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the DLK antibody detected the DLK protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DLK1 antibody	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.
Product Categories/Family for anti-DLK1 antibody	Neuroscience; Signal Transduction
References	Yanai, H., et al. J. Biochem. 148(1):85-92(2010) Yu, F., et al. Liver Int. 30(5):703-714(2010) Akiyama, J., et al. Biochem. Biophys. Res. Commun. 393(4):662-667(2010) Wermter, A.K., et al. Eur. J. Hum. Genet. 16(9):1126-1134(2008) Charlier, C., et al. Genome Res. 11(5):850-862(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	74136023
NCBI GeneID	8788
NCBI Accession #	NP_003827.3
NCBI GenBank Nucleotide #	NM_003836.5
UniProt Accession #	P80370; P15803; Q96DW5
Molecular Weight	41300
NCBI Official Full Name	protein delta homolog 1
NCBI Official Synonym Full Names	delta-like 1 homolog (Drosophila)
NCBI Official Symbol	DLK1
NCBI Official Synonym Symbols	DLK; FA1; ZOG; pG2; DLK-1; PREF1; Delta1; Pref-1
NCBI Protein Information	protein delta homolog 1
UniProt Protein Name	Protein delta homolog 1
UniProt Gene Name	DLK1
UniProt Synonym Gene Names	DLK; DLK-1; FA1
UniProt Entry Name	DLK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dlk-antibody-immunohistochemistry-western-blot-elisa/283818>