

Rabbit DLK1 Polyclonal Antibody | anti-DLK1 antibody

DLK1 Antibody

CATALOG # AAA326809	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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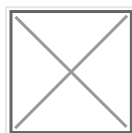
PRODUCT SYNONYMS

DLK1; Polyclonal Antibody; DLK1 Antibody; Adipocyte differentiation inhibitor protein; Breveldtin; Delta like 1 homolog; Delta like homolog; Delta like protein; Delta1; DLK 1; DLK; DLK-1; DLK1_HUMAN; FA 1; FA1; Fetal antigen 1; pG2; Preadipocyte factor 1; Pref 1; Pref; Pref1; Protein delta homolog 1; Secredeltin; ZOG; anti-DLK1 antibody

PRODUCT SPECIFICATIONS

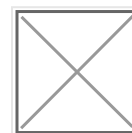
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DLK1 antibody detects endogenous levels of total DLK1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	310
Applicable Applications for anti-DLK1 antibody	ELISA, WB (Western Blot)
Immunogen	A synthetic peptide of human DLK1
Subcellular Location	Membrane.
Tissue Specificity	Found within the stromal cells in close contact to the vascular structure of placental villi, yolk sac, fetal liver, adrenal cortex and pancreas and in the beta cells of the islets of Langerhans in the adult pancreas. Found also in some forms of neuroendocrine lung tumor tissue.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse placenta tissue, using DLK1 antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using DLK1 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DLK1 antibody	Description: DLK1 (delta-like-1), also known as fetal antigen 1 (FA1) and preadipocyte factor 1 (pref-1), is a member of the epidermal growth factor (EGF)-like family of proteins, containing six tandem EGF-like repeats (1, 2). DLK1 is a paternally expressed, imprinted gene that plays an important role in normal development and in the maintenance of homeostasis of adipose tissue mass (3). DLK1 deficient mice display growth retardation, obesity, skeletal malformation, and increased serum lipid metabolites (4). It has been reported that the ectodomain of DLK1 is shredded from the cell surface and inhibits adipocyte differentiation (5-7). Function: May have a role in neuroendocrine differentiation. Subunit Structure: Monomer. Post-translational Modifications: N-and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	953514558
NCBI GeneID	8788
NCBI Accession #	NP_001304101.1
NCBI GenBank Nucleotide #	NM_001317172.1
UniProt Accession #	P80370; P15803; Q96DW5
Molecular Weight	Observed: 41 kDa Predicted: 42 kDa
NCBI Official Full Name	protein delta homolog 1 isoform 2 preproprotein
NCBI Official Synonym Full Names	delta like non-canonical Notch ligand 1
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

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.