

bs-2423R**[Primary Antibody]****Bioss**
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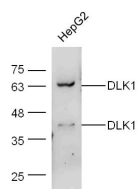
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DLK1 Rabbit pAb**DATASHEET**

Host: Rabbit Clonality: Polyclonal GeneID: 8788 Target: DLK1 Immunogen: KLH conjugated synthetic peptide derived from human DLK1: 251-350/383. < Extracellular > Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: 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. [provided by RefSeq, Mar 2010].	Isotype: IgG SWISS: P80370	Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep) Predicted MW.: 42 kDa Subcellular Location: Cell membrane
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VALIDATION IMAGES

Sample: HepG2(Human) Cell Lysate at 40 ug
Primary: Anti-DLK1 (bs-2423R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kD
Observed band size: 42/65 kD

SELECTED CITATIONS

- **[IF=3.758]** Li H. B., et al. Exploring the Mechanism on the Medullary Visceral Zone Inhibiting the Cholinergic Anti-inflammatory Pathway Induced by Sepsis. Mediat Inflamm. 2020;2020:1320278 IF ;Rat. 33061821
- **[IF=2.52]** Expression of Pref-1 and Related Chemokines during theDevelopment of Rat Mesenteric Lymph Nodes.(2018)Biomed Environ Sci.ul;31(7):507-514. IHC ;Rat. 30145985
- **[IF=1.8]** Lin Peng, et al. Activating $\alpha 7$ nAChR suppresses systemic inflammation by mitigating neuroinflammation of the medullary visceral zone in sepsis in a rat model. TRANSL NEUROSCI. 2024 Jan;15(1): IF ;Rat. 39156045
- **[IF=2.1]** Nao Yashima, et al. Intake of eggshell membrane enhances bone mass and suppresses bone marrow adiposity

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

in normal growing rats. Bone Reports. 2025 Jun;25:101840 IHC ;Rat. 40235645