

---

## DLK1 Rabbit pAb

Catalog Number: bs-2423R

Target Protein: DLK1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Pig, Sheep)

Predicted MW: 42 kDa

Entrez Gene: 8788

Swiss Prot: P80370

Source: KLH conjugated synthetic peptide derived from human DLK1: 251-350/383.

Purification: affinity purified by Protein A

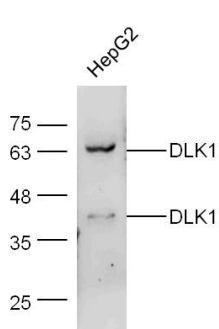
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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].

### 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

## PRODUCT SPECIFIC PUBLICATIONS

---

**[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 the Development of Rat Mesenteric Lymph Nodes.(2018)*Biomed Environ Sci.*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