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# DLK2 Rabbit pAb

Catalog # AP98940

## Product Information

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| **Application** | IHC-P, IHC-F, IF, E |
| **Primary Accession** | Q6UY11 |
| **Other Accession** | Q6UY11 |
| **Predicted** | Rat, Pig, Human, Mouse, Dog, Horse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 40548 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human DLK2 |
| **Epitope Specificity** | 241-340/383 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Contains 6 EGF-like domains. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | DLK2 is a 383 amino acid single-pass transmembrane protein with six tandem EGF-like repeats in the putative extracellular domain, which is characteristic of the EGF-like protein family. DLK2 shares nearly identical structural features with DLK, suggesting that it may function in a similar way. Like DLK, DLK2 affects adipogenesis of 3T3-L1 preadipocytes and mesenchymal C3H10T1/2 cells, yet it does so in an opposite way to that of DLK. Also, expression of DLK and DLK2 are inversely correlated and changes in expression of one gene will affect the expression levels of the other. Therefore, it is likely that adipogenesis is modulated by the coordinated expression of DLK and DLK2. There are two isoforms of DLK2 that are produced as a result of alternative splicing events. |

## Additional Information

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| **Gene ID** | 65989 |
| **Other Names** | DLK-2; EGFL9; DLK2_HUMAN; DLK2; Epidermal growth factor-like protein 9 (EGF-like protein 9); DLK2_MOUSE; Endothelial cell-specific protein S-1; delta like non-canonical Notch ligand 2; EGF-like-domain, multiple 9; delta-like 2 homolog (Drosophila) |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | DLK2 |
| **Synonyms** | EGFL9 |
| **Function** | Regulates adipogenesis. |
| **Cellular Location** | Membrane; Single-pass type I membrane protein |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.