



Order: (888)-282-5810 (Phone)
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PELI1 (vPair™) Antibodies

Cat#: R1789-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 46 | 54 kDa

Uniprot ID: Q96FA3

Application: WB

Quantity: 50 ul PELI1 (N) (R1789-1) Rabbit Polyclonal Antibody &
50 ul PELI1 (C) (R1789-2) Rabbit Polyclonal Antibody

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

Background:

E3 ubiquitin-protein ligase pellino homolog 1 (PELI1) is a E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. PELI1 is involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. It mediates 'Lys-63'-linked polyubiquitination of IRAK1 allowing subsequent NF-kappa-B activation.

Other Names:

E3 ubiquitin-protein ligase pellino homolog 1, Pellino-1, Pellino-related intracellular-signaling molecule, PRISM

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing the N-terminal [PELI1 (N) (R1789-1)] or the C-terminal [PELI1 (C) (R1789-2)] region of human PELI1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

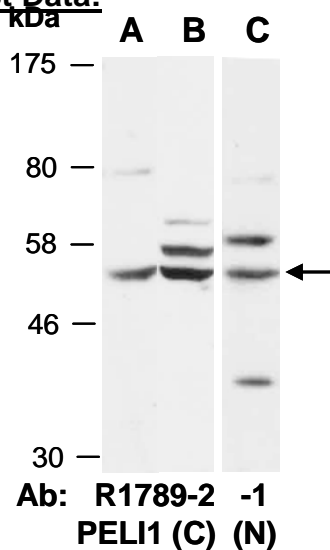


Fig 1. Western blot of total cell extracts from (A) mouse brain, (B) human Jurkat, (C) human HeLa; using 2 independent Abs against 2 distinct regions of human PELI1 at RT for 2 h.