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FAM65B (N) Antibody, Rabbit Polyclonal

Cat#: R2320-1   **Lot#: Refer to vial**

Quantity: 100 ul   **Application: WB**

Predicted I Observed M.W.: 119, 66 kDa   **Uniprot ID: Q80U16**

Background:

Family with sequence similarity 65, member B (FAM65B) can stimulate the formation of a non-mitotic multinucleate syncytium from proliferative cytotrophoblasts during trophoblast differentiation. Two alternatively spliced transcript variants have been found for this gene. Isoform 1 is present in the brain. Isoform 2 is expressed during differentiation of fetal primary myoblasts. FAM65B also shows marked expression during cytotrophoblast differentiation. FAM65B isoform 2 play a role in promoting myogenic cell differentiation, cytoskeletal rearrangement and filopodia formation. Cells lacking isoform 2 exhibit a severe reduction of myotube formation. In contrast, isoform 2 overexpression induces formation of filopodia.

Other Names:

Family with sequence similarity 65, member B, C6orf32, DIFF48, Kiaa0386, PL48

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse FAM65B. 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% NaN_3. 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.

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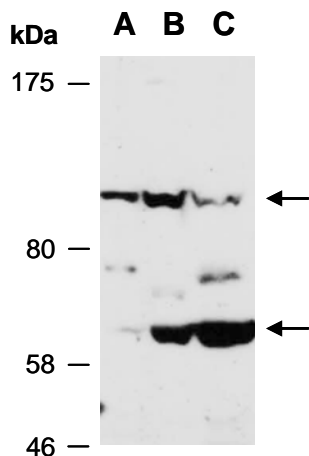
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Product Data:

Fig 1. *Western blot of total cell extracts from (A) mouse thymus, (B) human HeLa, (C) human Jurkat; using anti-FAM65B (N) (R2320-1) at RT for 2 h. The 119 kD and 66 kD bands are 2 isoforms of FAM65B.*

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