

FAM3B

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:100 - 1:200

Calculated MW: 26kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human FAM3B

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FAM3B;2-21;C21orf11;C21orf76;ORF9;PANDER;PRED44 ;

Catalog #: A1082

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 54097

Isotype: IgG

Swiss Prot: P58499

Purity: Affinity purification

For research use only.

Background:

FAM3B (family with sequence similarity 3, member B), also known as ORF9, C21orf11 or PANDER, is a 235 amino acid secreted protein that localizes to discrete vesicular and perinuclear structures. Expressed at high levels in pancreas and at lower levels in kidney, colon, testis, prostate and small intestine, FAM3B functions as an islet-specific cytokine that promotes apoptosis and may inhibit Insulin secretion from beta-cells, possibly playing a role in overall pancreatic activity. Human FAM3B shares 78% sequence identity with its mouse counterpart, suggesting a conserved role between species. Three isoforms of FAM3B, designated A, B and C, exist due to alternative splicing events. The gene encoding FAM3B maps to human chromosome 21, which houses approximately 300 genes and comprises nearly 1.5% of the human genome.

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