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FAM3B Rabbit pAb

Catalog # AP99900

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P58499
Other Accession	P58499
Reactivity	Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25982
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM3B
Epitope Specificity	1-100/235
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the FAM3 family.
Post-translational modifications	2 N-termini have been observed in the mature protein: the first at Glu-30, resulting from signal peptide cleavage, the second at Ser-46. O-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FAM3B has delayed effects on beta-cell function, inhibiting basal insulin secretion from a beta-cell line in a dose-dependent manner. [Subcellular Location] Secreted. Note=Localized in discrete vesicular and perinuclear structure. Highly expressed in the pancreas. Also found in the colon, kidney, prostate, small intestine and testis. 2 N-termini have been observed in the mature protein: the first at Glu-30, resulting from signal peptide cleavage, the second at Ser-46. Belongs to the FAM3 family.

Additional Information

Gene ID	54097
Other Names	2-21; C21orf11; C21orf76; ORF9; PANDER; PRED44; 9030624C24Rik; D16Jhu19e; FAM3B_HUMAN; FAM3B; Cytokine-like protein 2-21; Pancreatic-derived factor (PANDER); FAM3B_MOUSE; FAM3 metabolism regulating signaling molecule B; chromosome 21 open reading frame 11; family with sequence similarity 3 member B; pancreatic-derived factor
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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

Name	FAM3B
Synonyms	C21orf11, C21orf76
Function	Induces apoptosis of alpha and beta cells in a dose- and time-dependent manner.
Cellular Location	Secreted. Note=Present in insulin secretory granules and likely cosecreted with insulin. Localized in discrete vesicular and perinuclear structure
Tissue Location	Highly expressed in the pancreas. Also found in the colon, kidney, prostate, small intestine and testis

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