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Anti-PGCC1 FAM120B Antibody

Catalog Number: A12891

About FAM120B

The transcription factor peroxisome proliferator-activated receptor gamma (PPARg) plays essential roles in adipogenesis by regulating adipocyte-specific genes through association of various co-factors. One such co-factor, PGCC1 (also known as FAM120B), is widely expressed in adult tissues and throughout embryonic development. Overexpression of this protein in OP9 pre-adipocytes promoted their differentiation into adipocytes, and knockdown of PGCC1 expression through RNA interference blocked this process. PGCC1 is homologous to C9orf10 (also known as FAM120A) and has been mapped to chromosome Xp11.22. At least two isoforms of PGCC1 are known to exist.

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Overview

Product Name	Anti-PGCC1 FAM120B Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PGCC1 FAM120B Antibody (Catalog # A12891). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	PGCC1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	PGCC1 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96EK7

Technical Details

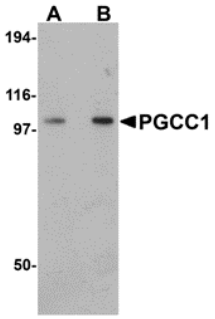
Immunogen	PGCC1 antibody was raised against an 18 amino acid synthetic peptide from near the carboxy terminus of human PGCC1. The immunogen is located within the last 50 amino acids of PGCC1.
Predicted Reactive Species	Bovine
Cross Reactivity	This antibody will not cross-react with FAM120A.

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PGCC1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PGCC1 antibody can be used for detection of PGCC1 by Western blot at 0.5 - 1 ug/mL. Antibody validated: Western Blot in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-PGCC1 FAM120B Antibody (A12891) Images



Western blot analysis of PGCC1 in rat thymus tissue lysate with PGCC1 antibody at (A) 0.5 and (B) 1 ug/mL.

Anti-PGCC1 FAM120B Antibody

For Research Use Only. Not for use in diagnostic procedures.