

Datasheet for ABIN500477

anti-FAM120B antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mg
Target:	FAM120B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM120B antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	PGCC1 antibody was raised against an 18 amino acid peptide from near the carboxy terminus of human PGCC1.
Isotype:	IgG
Specificity:	This antibody detects FAM120B. It will not cross-react with FAM120A.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	FAM120B
Alternative Name:	FAM120B (FAM120B Products)

Target Details

Background: The transcription factor peroxisome proliferator-activated receptor gamma (PPAR γ) 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. Synonyms: CCPG, Constitutive coactivator of PPAR-gamma, Constitutive coactivator of PPAR γ , Constitutive coactivator of peroxisome proliferator-activated receptor gamma, FAM120B, KIAA1838, PGCC1, PPAR γ constitutive coactivator 1, Protein FAM120B

Gene ID: 84498

UniProt: [Q96EK7](#)

Application Details

Application Notes: ELISA. Western blot.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

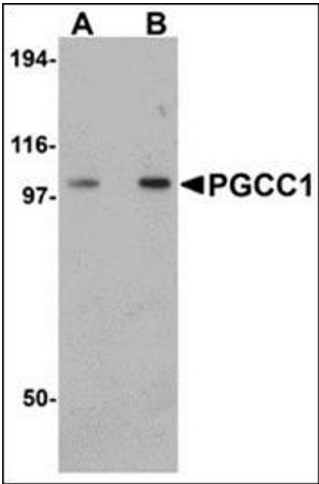
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of PGCC1 in rat thymus tissue lysate with this product at (A) 0.5 and (B) 1 µg/ml.