

Product datasheet for **AP54865SU-N**

Fam120b Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/200-1/2000. Immunohistochemistry: 1/50-1/500.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptides derived from C-terminal domain of Mouse FAM120B
Specificity:	This antibody reacts with 89 kDa FAM120B protein.
Formulation:	State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	family with sequence similarity 120, member B
Database Link:	Entrez Gene 67544 Mouse Q6RI63



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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. This antibody will not cross-react with FAM120A.

Synonyms:

FAM120B, CCPG, KIAA1838, Constitutive coactivator of PPAR-gamma, Constitutive coactivator of PPARG, PPARG constitutive coactivator 1, PGCC1, Protein FAM120B