产品名称：TBC1D4 Rabbit Monoclonal Antibody
产品货号：AMRe21176

产品概述（Summary）

产品名称（Production Name）	TBC1D4 Rabbit Monoclonal Antibody
描述（Description）	Recombinant rabbit monoclonal antibody
宿主（Host）	Rabbit
应用（Application）	WB,ICC/IF,ELISA,IP
种属反应性（Reactivity）	Human,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG,Kappa
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
纯化方式（Purification）	Protein A

免疫原信息（Immunogen）

基因名（Gene Name）	TBC1D4
别名（Alternative Names）	TBC1D4;AS160;KIAA0603;TBC1 domain family member 4;Akt substrate of 160 kDa;AS160
基因 ID（Gene ID）	9882.0
蛋白 ID（SwissProt ID）	O60343.

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:2000-1:10000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
蛋白分子量（Molecular Weight）	Calculated MW:147kD;Observed MW:160kD

研究背景（Background）

Cell localization:Cytoplasm.This gene is a member of the Tre-2/BUB2/CDC16 domain family. The protein encoded by this

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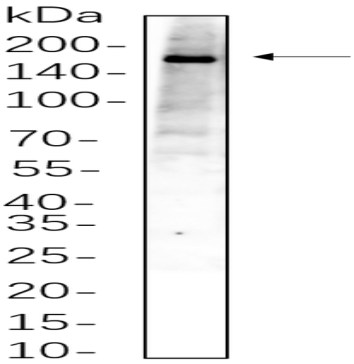
gene is a Rab-GTPase-activating protein, and contains two phopshotyrosine-binding domains (PTB1 and PTB2), a calmodulin-binding domain (CBD), a Rab-GTPase domain, and multiple AKT phosphomotifs. This protein is thought to play an important role in glucose homeostasis by regulating the insulin-dependent trafficking of the glucose transporter 4 (GLUT4), important for removing glucose from the bloodstream into skeletal muscle and fat tissues. Reduced expression of this gene results in an increase in GLUT4 levels at the plasma membrane, suggesting that this protein is important in intracellular retention of GLUT4 under basal conditions. When exposed to insulin, this protein is phosphorylated, dissociates from GLUT4 vesicles, resulting in increased GLUT4 at the cell surface, and enhanced glucose transport. Ph

研究领域（Research Area）

图片（Image Data）



HepG2 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with primary antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

注意事项（Note）

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