







PRKAB2 Antibody

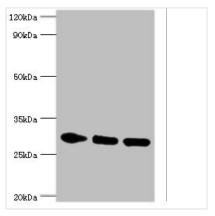
Product Code CSB-PA527326ESR1HU Storage Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Uniprot No. O43741 Immunogen Recombinant Human 5\\\'-AMP-activated protein kinase subunit beta-2 protein (1-272AA) Raised In Rabbit Species Reactivity Human, Mouse, Rat Tested Applications ELISA, WB; Recommended dillution: WB:1:500-1:2000 Relevance Non-catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism. In response to reduction of intracellular ATP levels, AMPK activates energy-producing pathways and inhibits energy-consuming processes: inhibits protein, carbohydrate and lipid biosynthesis, as well as cell growth and proliferation. AMPK acts via direct phosphorylation of metabolic enzymes, and by longer-term effects via phosphorylation of transcription regulators. Also acts as a regulator of cellular polarity by remodeling the actin cytoskeleton; probably by indirectly activating myosin. Beta non-catalytic subunit acts as a scalfold on which the AMPK complex assembles, via its C-terminus that bridges alpha (PRKAA1 or PRKAA2) and gamma subunits (PRKAG1, PRKAG2 or PRKAG3). Form Liquid Conjugate Non-conjugated Storage Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3. Purification Method Antigen Affinity Purified Isotype IgG <		
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PRKAB2 Species Human Research Area Cardiovascular Target Names PRKAB2	Clonality	Polyclonal
Research Area Cardiovascular Target Names PRKAB2	Alias	
Target Names PRKAB2	Species	Human
	Research Area	Cardiovascular
Image	Target Names	PRKAB2
	Image	



CUSABIO TECHNOLOGY LLC







Western blot

All lanes: PRKAB2 antibody at 5μg/ml

Lane 1: Rat brain tissue Lane 2: Mouse heart tissue Lane 3: Mouse gonad tissue

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 31, 22 kDa Observed band size: 31 kDa