



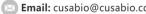
PRKAB2 Antibody

Product Code CSB-PA527326ESR2HU 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 Tested Applications ELISA, IHC; Recommended dilution: IHC:1:20-1:200 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 scaffold 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. Furification Method Antigen Affinity Purified Isotype IgG <t< th=""><th></th><th></th></t<>		
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Alias 5\\\'-AMP-activated protein kinase subunit beta-2 (AMPK subunit beta-2), PRKAB2 Species Human Research Area Cardiovascular Target Names PRKAB2	Isotype	IgG
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	



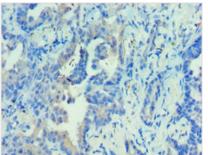
CUSABIO TECHNOLOGY LLC











Immunohistochemistry of paraffin-embedded human lung cancer using CSB-PA527326ESR2HU at dilution of 1:100