Best Tools for immunology Research

AMPK b2 protein

Catalog No :	YD0010
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	PRKAB2
Protein Name :	AMPK b2 protein
Sequence :	Amino acid: 117-225, with his-MBP tag.
Human Gene Id :	5565
Human Swiss Prot No :	O43741
Mouse Swiss Prot No :	Q6PAM0
Formulation :	Liquid in PBS
Source :	E.coli
Dilution :	WB 1:500-2000
Concentration :	SDS-PAGE >90%
Storage Stability :	-20°C/6 month,-80°C for long storage
Background :	function:AMPK is responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. Also regulates cholesterol synthesis via phosphorylation and inactivation of hydroxymethylglutaryl-CoA reductase and hormone-sensitive lipase. This is a regulatory subunit, may be a positive regulator of AMPK activity. It may also serve as an adapter molecule for the catalytic alpha-subunit.,PTM:Phosphorylated when associated with the catalytic subunit.,similarity:Belongs to the 5'-AMP-activated protein kinase beta subunit family.,subunit:Heterotrimer of an alpha catalytic subunit, a beta and a gamma non-catalytic regulatory subunits., fatty acid metabolic process, fatty acid biosynthetic process, lipid biosynthetic

Function : process, regulation of cellular ketone metabolic process, organic acid biosynthetic process, regulation of lipid metabolic process, regulation of fatty acid metabolic process, regulation of fatty acid oxidation, carboxylic acid biosynthetic process,

Products Images