

AMPK b2 protein

Catalog No :	YD0009
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	PRKAB2
Protein Name :	AMPK b2 protein
Sequence :	Amino acid: 1-112, 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 :	<p>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.,</p>

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,

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