

AMPK b1 protein

Catalog No: YD0008

Reactivity: Human

Applications: WB;SDS-PAGE

Gene Name: PRKAB1

Protein Name: AMPK b1 protein

Sequence: Amino acid: 118-226, with his-MBP tag.

Q9Y478

Q9R078

Human Gene ld: 5564

Human Swiss Prot

No:

Mouse Swiss Prot

No:

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 adaptor molecule for the catalytic alphasubunit.,PTM:Phosphorylated.,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. Interacts with FNIP1 and

FNIP2.,

protein complex assembly, fatty acid metabolic process, fatty acid biosynthetic

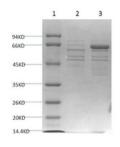
Function:

process, lipid biosynthetic process, regulation of cellular ketone metabolic process, organic acid biosynthetic process, regulation of lipid metabolic process, regulation of fatty acid metabolic process, macromolecular complex subunit organization, regulation of fatty acid oxidation, carboxylic acid biosynthetic process, protein oligomerization, protein heterooligomerization, macromolecular complex assembly, protein complex biogenesis,

Sort: 1964

Host: Rabbit

Products Images



F109 1: Marker 2: 洗脫液1 3: 洗脫液2 分子量: 60KD 緩冲液: 1xPBS