AMPK gamma-2 antibody

Catalog No: #22007

Description



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

AMPK gamma-2 antibody
Rabbit
Polyclonal
Purified by antigen-affinity chromatography.
WB IF
Hu
Recombinant protein
Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 288 of
AMPK gamma-2
AMPK gamma-2
Swiss-Prot:Q9UGJ0Gene ID:51422
Q9UGJ0
51422;
1mg/ml
Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a
preservative.

Application Details Predicted MW: 38kd Western blotting: 1:500-1:3000 Immunofluorescence: 1:100-1:200

Images



Sample (30 ug of whole cell lysate) A: Hela S3 10% SDS PAGE Primary antibody diluted at 1: 1000



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using AMPK gamma-2 antibody at 1: 200 dilution.

Background

AMP-activated protein kinase (AMPK) is a heterotrimeric protein composed of a catalytic alpha subunit, a noncatalytic beta subunit, and a noncatalytic regulatory gamma subunit. Various forms of each of these subunits exist, encoded by different genes. AMPK is an important energy-sensing enzyme that monitors cellular energy status and functions by inactivating key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This gene is a member of the AMPK gamma subunit family and encodes a protein with four cystathionine beta-synthase domains. Mutations in this gene have been associated with ventricular pre-excitation (Wolff-Parkinson-White syndrome), progressive conduction system disease and cardiac hypertrophy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Note: This product is for in vitro research use only