

AMPK gamma-2 antibody

Catalog No: #22150

Orders: order@signalwayantibody.com

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Description

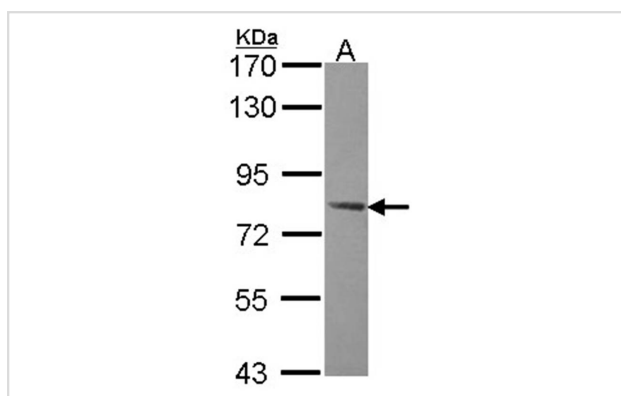
Product Name	AMPK gamma-2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 342 and 525 of AMPK gamma-2
Target Name	AMPK gamma-2
Accession No.	Swiss-Prot:Q9UGJ0Gene ID:51422
Uniprot	Q9UGJ0
GeneID	51422;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 58kd

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)

A: HeLa

7.5% SDS PAGE

AMPK gamma-2 antibody diluted at 1: 1000

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