
Product Name: Cip4 Rabbit Monoclonal Antibody**Catalog #: AMRe87308**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	Calculated MW:68 kDa; Observed MW:80 kDa

Antigen Information

Gene Name	Cip4
Alternative Names	STP; CIP4; HSTP; STOT; TRIP-10
Gene ID	9322
SwissProt ID	Q15642
Immunogen	A synthetic peptide of human Cip4

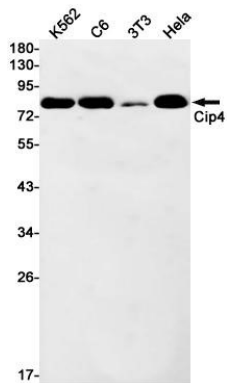
Background

Required for translocation of GLUT4 to the plasma membrane in response to insulin signaling (By similarity). Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. Binds to lipids such as

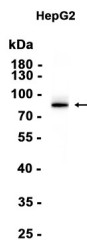
phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promotes membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by recruiting WASL/N-WASP which in turn activates the Arp2/3 complex. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Required for the formation of podosomes, actin-rich adhesion structures specific to monocyte-derived cells. May be required for the lysosomal retention of FASLG/FASL.

Research Area

Image Data



Western blot detection of Cip4 in K562,C6,3T3,Hela cell lysates using Cip4 antibody(1:1000 diluted).



Western blot analysis of extracts from HepG2 cells using AMRe87308 at 1:1000.