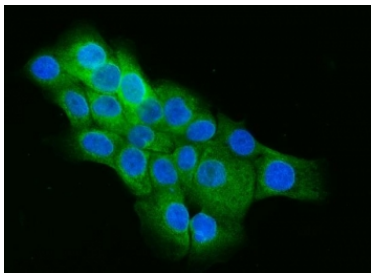
CIP4 Antibody / TRIP10 (RQ6812)

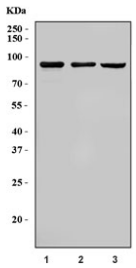
Catalog No.	Formulation	Size
RQ6812	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q15642
Localization	Cytoplasmic, cell membrane
Applications	Western Blot : 1-2ug/ml Immunofluorescence (FFPE) : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This CIP4 antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with CIP4 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HepG2, 2) human HeLa and 3) rat testis tissue lysate with CIP4 antibody. Expected molecular weight: 40-85 kDa (multiple isoforms).

Description

Cdc42-interacting protein 4 is a protein that in humans is encoded by the TRIP10 gene. TRIP10 (thyroid hormone receptor interactor 10), also known as CIP4 (Cdc42-interacting protein 4), is a novel adaptor protein which may be invloved in plasma membrane remodeling. CIP4 has been reported to negatively regulate glucose uptake by promoting GLUT4 endocytosis in muscle cells. At least five splice variants for human CIP4 have been identified, including CIP4a (CIP4), CIP4b (FELIC), CIP4c, CIPh (CIP4/2). Western blot analysis usually demonstrates a major band around 75 kDa and a weaker band about 85 kDa.

Application Notes

Optimal dilution of the CIP4 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-M182) was used as the immunogen for the CIP4 antibody.

Storage

After reconstitution, the CIP4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.