

Plakophilin 4 Polyclonal Antibody

Catalog # AP71968

Product Information

Application	WB, IHC-P
Primary Accession	Q99569
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	131868

Additional Information

Gene ID	8502
Other Names	PKP4; Plakophilin-4; p0071
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

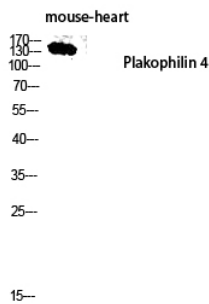
Protein Information

Name	PKP4
Function	Plays a role as a regulator of Rho activity during cytokinesis. May play a role in junctional plaques.
Cellular Location	Cell junction, desmosome. Cytoplasm, cytoskeleton, spindle. Midbody Cell membrane; Peripheral membrane protein. Note=Associated with the pericentrosomal region in interphase and with spindle poles during mitosis. In anaphase, during chromosome segregation, is recruited to the central microtubule bundle, focussed at the spindle midzone and ultimately localizes to the midbody at cytokinesis. Constituent of the midbody cytoskeletal matrix. Colocalized with desmoplakin at desmosomal junctional plaques in cultured epithelial cells
Tissue Location	Expressed in salivary glands (at protein level) (PubMed:30479852). Expressed in arrector pili muscle (at protein level) (PubMed:29034528).

Background

Plays a role as a regulator of Rho activity during cytokinesis. May play a role in junctional plaques.

Images



Western blot analysis of mouse-heart lysis using Plakophilin 4 antibody. Antibody was diluted at 1:2000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.