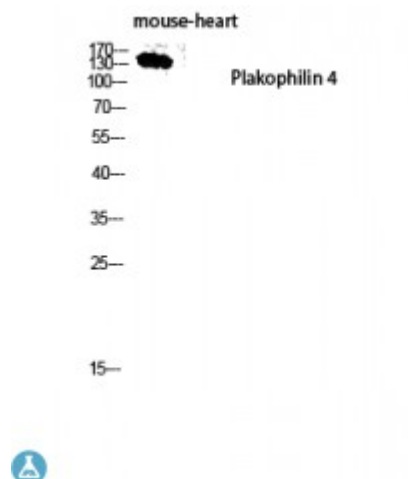


Anti-Plakophilin 4 antibody



Description	Rabbit polyclonal to Plakophilin 4.
Model	STJ95150
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Plakophilin 4
Immunogen Region	160-240 aa, Internal
Gene ID	8502
Gene Symbol	PKP4
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
Specificity	Plakophilin 4 Polyclonal Antibody detects endogenous levels of Plakophilin 4 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Plakophilin-4 p0071
Molecular Weight	130 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9026OMIM:604276
Alternative Names	Plakophilin-4 p0071
Function	Plays a role as a regulator of Rho activity during cytokinesis. May play a role in junctional plaques.
Cellular Localization	Cell junction, desmosome Cytoplasm, cytoskeleton, spindle Midbody Cell membrane. 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.