

Anti-SPN90 antibody



Description	Unconjugated Rabbit polyclonal to SPN90
Model	STJ191401
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	51517
Gene Symbol	NCKIPSD
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	SPN90 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highest expression in heart, brain, skeletal muscle, kidney and liver. Lower levels in placenta, lung, small intestine and leukocytes. Weak expression in colon, thymus and spleen.
Purification	SPN90 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	NCK-interacting protein with SH3 domain 54 kDa VacA-interacting protein 54 kDa vimentin-interacting protein VIP54 90 kDa SH3 protein interacting with Nck AF3p21 Dia-interacting protein 1 DIP-1 Diaphanous pro
Molecular Weight	79 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:15486 OMIM:606671
Alternative Names	NCK-interacting protein with SH3 domain 54 kDa VacA-interacting protein 54 kDa vimentin-interacting protein VIP54 90 kDa SH3 protein interacting with Nck AF3p21 Dia-interacting protein 1 DIP-1 Diaphanous pro
Function	Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo . In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42 . May play an important role in the maintenance of sarcomeres and/or in the assembly of myofibrils into sarcomeres. Implicated in regulation of actin polymerization and cell adhesion. Plays a role in angiogenesis.
Cellular Localization	Nucleus. Colocalizes with DRF1 at membrane ruffles, and with Nck at Z-disks in mature cardiac myocytes.