

Immunotag™ SPN90 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1297
Product Description	Immunotag™ SPN90 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SPN90
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SPN90 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	NCKIPSD AF3P21 SPIN90
Accession No.	Q9NZQ3 Q9ESJ4

Antibody Specification

Description	NCK interacting protein with SH3 domain(NCKIPSD) Homo sapiens The protein encoded by this gene is localized exclusively in the cell nucleus. It plays a role in signal transduction, and may function in the maintenance of sarcomeres and in the assembly of myofibrils into sarcomeres. It also plays an important role in stress fiber formation. The gene is involved in therapy-related leukemia by a chromosomal translocation t(3;11)(p21;q23) that involves this gene and the myeloid/lymphoid leukemia gene. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013],
Protein Expression	Bone marrow,Brain,Cervix carcinoma,Heart,Leukemia,Placenta,
Subcellular Localization	nucleus,cytosol,intermediate filament,COP9 signalosome,
Protein Function	disease:A chromosomal aberration involving NCKIPSD/AF3p21 is found in therapy-related leukemia. Translocation t(3;11)(p21;q23) with MLL.,function:Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo (By similarity). In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42 (By similarity). 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.,similarity:Contains 1 SH3 domain.,subcellular location:Colocalizes with DRF1 at membrane ruffles, and with Nck at Z-disks in mature cardiac myocytes.,subunit:Associates with the intermediate filaments, vimentin and desmin. Binds the first and third SH3 domains of NCK. Binds the proline-rich domains of N-WASP through its SH3 domain (By similarity). Similarly, binds diaphanous protein homolog 1 (DRF1). Binds the SH3 domains of GRB2 through its proline-rich domains.,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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.