

## Immunotag™ NINJ1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2200
Product Description	Immunotag™ NINJ1 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	NINJ1
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,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	NINJ1 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	NINJ1
Accession No.	Q92982 O70131 P70617
Description	ninjurin 1(NINJ1) Homo sapiens The ninjurin protein is upregulated after nerve injury both in dorsal root ganglion neurons and in Schwann cells (Araki and Milbrandt, 1996 [PubMed 8780658]). It demonstrates properties of a homophilic adhesion molecule and promotes neurite outgrowth from primary cultured dorsal root ganglion neurons.[supplied by OMIM, Aug 2009],
Protein Expression	Lung,

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Subcellular Localization	integral component of membrane,
Protein Function	function:Homophilic cell adhesion molecule that promotes axonal growth. May play a role in nerve regeneration and in the formation and function of other tissues. Cell adhesion requires divalent cations.,induction:By nerve injury both in dorsal root ganglion neurons and in Schwann cells.,similarity:Belongs to the ninjurin family.,tissue specificity:Widely expressed in both adult and embryonic tissues, primarily those of epithelial origin.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.