

Immunotag™ Podocan Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3808
Product Description	Immunotag™ Podocan 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	Podocan
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the C-terminal region of human Podocan.
Specificity	Podocan Polyclonal Antibody detects endogenous levels of Podocan protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	PODN
Accession No.	Q7Z5L7 Q7TQ62
Alternate Names	PODN; SLRR5A; Podocan
Description	podocan(PODN) Homo sapiens The protein encoded by this gene is a member of the small leucine-rich repeat protein family and contains an amino terminal CX3CX7C cysteine-rich cluster followed by a leucine-rich repeat domain. Studies suggest that this protein could function to inhibit smooth muscle cell proliferation and migration following arterial injury. [provided by RefSeq, Jul 2016],

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Protein Expression	Brain,Kidney,Liver,Testis,
Subcellular Localization	proteinaceous extracellular matrix,extracellular space,cytoplasm,
Protein Function	PTM:N-glycosylated.,similarity:Belongs to the small leucine-rich proteoglycan (SLRP) family. Class V subfamily.,similarity:Contains 20 LRR (leucine-rich) repeats.,subunit:Binds to type I collagen.,tissue specificity:Kidney, heart, liver, pancreas and vascular smooth muscle cells.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.