

Immunotag™ Nidogen Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3126
Product Description	Immunotag™ Nidogen 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	Nidogen
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Nidogen, at AA range: 190-270
Specificity	Nidogen Polyclonal Antibody detects endogenous levels of Nidogen 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	NID1
Accession No.	P14543 P10493 P08460
Alternate Names	NID1; NID; Nidogen-1; NID-1; Entactin
Description	nidogen 1(NID1) Homo sapiens This gene encodes a member of the nidogen family of basement membrane glycoproteins. The protein interacts with several other components of basement membranes, and may play a role in cell interactions with the extracellular matrix. [provided by RefSeq, Jul 2008],

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Protein Expression	Brain,Placenta,Testis,
Subcellular Localization	extracellular region,basement membrane,basal lamina,extracellular matrix,extracellular exosome,cell periphery,
Protein Function	function:Sulfated glycoprotein widely distributed in basement membranes and tightly associated with laminin. Also binds to collagen IV and perlecan. It probably has a role in cell-extracellular matrix interactions.,PTM:N- and O-glycosylated.,similarity:Contains 1 NIDO domain.,similarity:Contains 1 nidogen G2 beta-barrel domain.,similarity:Contains 1 thyroglobulin type-1 domain.,similarity:Contains 4 LDL-receptor class B repeats.,similarity:Contains 6 EGF-like domains.,subunit:Interacts with FBLN1 and LGALS3BP.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.