

Immunotag™ NID2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0981
Product Description	Immunotag™ NID2 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	NID2
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
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 700-780
Specificity	NID2 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	NID2
Accession No.	Q14112 O88322 B5DFC9
Description	nidogen 2(NID2) Homo sapiens This gene encodes a member of the nidogen family of basement membrane proteins. This protein is a cell-adhesion protein that binds collagens I and IV and laminin and may be involved in maintaining the structure of the basement membrane.[provided by RefSeq, Jun 2010],
Protein Expression	Cancellous bone,Fetal kidney,Liver,Lung,

Antibody Specification

Subcellular Localization	extracellular region,basement membrane,extracellular matrix,extracellular exosome,
Protein Function	function:Cell adhesion glycoprotein which is widely distributed in basement membranes. Binds to collagens I and IV, to perlecan and to laminin 1. Does not bind fibulins. It probably has a role in cell-extracellular matrix interactions.,PTM:Highly N- and O-glycosylated.,similarity:Contains 1 NIDO domain.,similarity:Contains 1 nidogen G2 beta-barrel domain.,similarity:Contains 2 thyroglobulin type-1 domains.,similarity:Contains 5 EGF-like domains.,similarity:Contains 5 LDL-receptor class B repeats.,subunit:Interacts with LAMA2 (By similarity). Interacts with COL13A1.,tissue specificity:Heart, placenta and bone. Less in pancreas, kidney and skeletal muscle.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.