



NID2 Polyclonal Antibody

Catalog No	YP-Ab-05854
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	NID2
Immunogen	Synthesized peptide derived from human protein . at AA range: 700-780
Specificity	NID2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NID 2;NID2;Nidogen 2;nidogen 2 (osteonidogen);Osteonidogen;Nidogen-2 (NID-2) (Osteonidogen)
Observed Band	200 kDa
Calculated Molecular Weight	1375 aa, 151 kDa
Cell Pathway	Secreted, extracellular space, extracellular matrix, basement membrane.
Tissue Specificity	Heart, placenta and bone. Less in pancreas, kidney and skeletal muscle.
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.,

**Background**

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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images