

Nidogen2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54225

Specification

Nidogen2 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q14112
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	148 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Nidogen2
Epitope Specificity	501-600/1375
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted, extracellular space, extracellular matrix, basement membrane.
SIMILARITY	Contains 5 EGF-like domains. Contains 5 LDL-receptor class B repeats. Contains 1 NIDO domain. Contains 1 nidogen G2 beta-barrel domain. Contains 2 thyroglobulin type-1 domains.
SUBUNIT	Interacts with LAMA2. Interacts with COL13A1.
Post-translational modifications	Highly N- and O-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

Nidogen 2 is an 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.

Nidogen2 Polyclonal Antibody - Additional Information

Gene ID 22795

Other Names

Nidogen-2, NID-2, Osteonidogen, NID2

Target/Specificity

Heart, placenta and bone. Less in pancreas, kidney and skeletal muscle.

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Nidogen2 Polyclonal Antibody - Protein Information**Name** NID2**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.

Cellular Location

Secreted, extracellular space, extracellular matrix, basement membrane

Tissue Location

Detected in placenta (at protein level) (PubMed:32337544). Heart and bone. Less in pancreas, kidney and skeletal muscle.

Nidogen2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nidogen2 Polyclonal Antibody - Images