



Rabbit Anti-Nidogen2 antibody

SL10075R

Product Name:	Nidogen2
Chinese Name:	骨巢蛋白抗体
Alias:	NID 2; NID2; Nidogen2; Nidogen 2; Nidogen-2; Osteonidogen; NID2 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	148kDa
Cellular localization:	The cell membraneExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Nidogen2:501-600/1375
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	<p>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.</p> <p>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</p>

has a role in cell-extracellular matrix interactions.

Subunit:

Interacts with LAMA2. Interacts with COL13A1.

Subcellular Location:

Secreted, extracellular space, extracellular matrix, basement membrane.

Tissue Specificity:

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

Post-translational modifications:

Highly N- and O-glycosylated.

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.

SWISS:

Q14112

Gene ID:

22795

Database links:

[Entrez Gene: 22795](#)Human

[Entrez Gene: 18074](#)Mouse

[Omim: 605399](#)Human

[SwissProt: Q14112](#)Human

[SwissProt: O88322](#)Mouse

[Unigene: 147697](#)Human

[Unigene: 369840](#)Human

[Unigene: 20348](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

