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Nidogen2 Rabbit pAb

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Catalog # AP54225

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q14112
Predicted	Rat, Pig, Dog, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	151254
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.
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.

Additional Information

Gene ID	22795
Other Names	Nidogen-2, NID-2, Osteonidogen, NID2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.