

Rabbit anti-Human Nidogen Polyclonal Antibody | anti-NID1 antibody

Nidogen Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322571	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

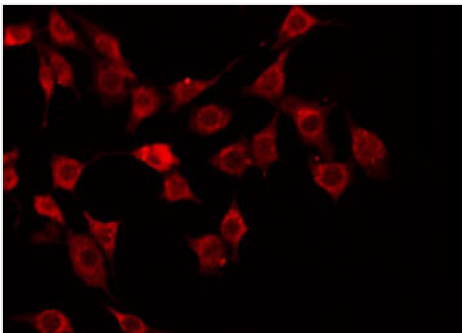
PRODUCT SYNONYMS

Nidogen; Polyclonal Antibody; Nidogen Antibody; Enactin; Ent; Entactin 1; Entactin; NID 1; NID; NID-1; Nid1; NID1_HUMAN; Nidogen (enactin); Nidogen 1; Nidogen-1; anti-NID1 antibody

PRODUCT SPECIFICATIONS

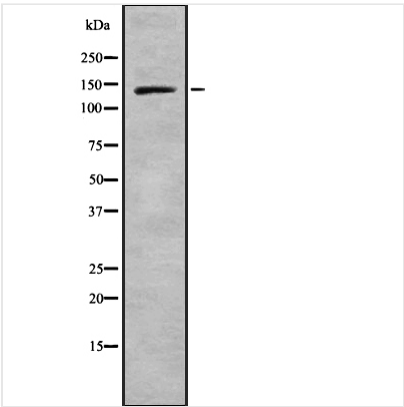
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Nidogen antibody detects endogenous levels of total Nidogen
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1247
Applicable Applications for anti-NID1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Nidogen
Subcellular Location	Extracellular Region or Secreted
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322571 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis Nidogen using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-NID1 antibody	Function: Sulfated glycoprotein widely distributed in basement membranes and tightly associated with laminin. Also binds to collagen IV and perlecan. It probably has a role in cell-extracellular matrix interactions. Subunit Structure: Interacts with FBLN1 and LGALS3BP (By similarity). Interacts with PLXDC1. Post-translational Modifications: N-and O-glycosylated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115298674
NCBI GeneID	4811
NCBI Accession #	NP_002499.2
NCBI GenBank Nucleotide #	NM_002508.2
UniProt Accession #	P14543; Q14942; Q59FL2; Q5TAF2; Q5TAF3; Q86XD7
Molecular Weight	Observed: 136 kDa Predicted: 137 kDa
NCBI Official Full Name	nidogen-1
NCBI Official Synonym Full Names	nidogen 1
NCBI Official Symbol	NID1
NCBI Official Synonym Symbols	NID
NCBI Protein Information	nidogen-1
UniProt Protein Name	Nidogen-1
UniProt Gene Name	NID1
UniProt Synonym Gene Names	NID; NID-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nidogen-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322571>