

Nidogen Polyclonal Antibody

Catalog No: YT3126

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: Nidogen

Gene Name: NID1

Protein Name: Nidogen-1

Human Gene Id: 4811

Human Swiss Prot

No:

Mouse Gene Id: 18073

Mouse Swiss Prot

No:

Rat Swiss Prot No: P08460

Immunogen: The antiserum was produced against synthesized peptide derived from human

NID1. AA range:219-268

P14543

P10493

Specificity: Nidogen Polyclonal Antibody detects endogenous levels of Nidogen protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/2



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 136kD

Background: nidogen 1(NID1) Homo sapiens This gene encodes a member of the nidogen

family of basement membrane glycoproteins. The protein interacts with several other components of basement membranes, and may play a role in cell

interactions with the extracellular matrix. [provided by RefSeq, Jul 2008].

Function: 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., PTM:N- and O-

glycosylated., similarity: Contains 1 NIDO domain., similarity: Contains 1 nidogen

G2 beta-barrel domain., similarity: Contains 1 thyroglobulin type-1

domain., similarity: Contains 4 LDL-receptor class B repeats., similarity: Contains 6

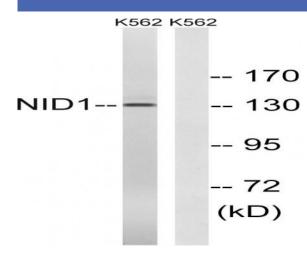
EGF-like domains., subunit: Interacts with FBLN1 and LGALS3BP.,

Subcellular Location:

Secreted, extracellular space, extracellular matrix, basement membrane.

Expression: Brain, Placenta, Testis,

Products Images



Western blot analysis of lysates from K562 cells, using NID1 Antibody. The lane on the right is blocked with the synthesized peptide.