



Anti-Human NOV (a.a.1-32), Chicken-Polyclonal Antibody

Catalog No. PY-10284

Antigen species: Human

Host species: Chicken

Quantity: 100 μ g

Reactivity: Human

Form: Antigen affinity purified antibody

Applications tested: Western blot

Target description

NOV, CCN3, IGFBP9, nephroblastoma overexpressed precursor.

The CCN genes encode secreted signaling proteins that participate in fundamental processes including cell adhesion, proliferation and differentiation, embryogenesis, tissue remodeling and patterning. In an attempt to evaluate the relevance of CCN3 as a useful tool in modern biomedical technologies, the biological properties of the CCN proteins and the data that established their potential usefulness will briefly be reviewed.

Antigen

This polyclonal antibody was raised by immunizing chicken with E. coli derived protein (1-32 amino acids).

Application

ELISA, Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1:3000, for tissue or cell staining is 1:200. Optimal working dilutions must be determined by the end user.

Related Products

1. Anti-NOV (260-357) pAb (PY-10285).

kDa

30 —

24 —

17 —

← NOV fusion protein

400ng E. coli derived protein as test antigen.

Western Blot Protocol:

1. Block membrane with 5% non-fat milk in PBS-T for 1 hour at room temperature or longer at 4°C.
2. Incubate membrane with IgY antibodies at dilution of 1: 10,000 with 1% milk in PBS-T at R.T. for 1 h.
3. Rinse 3 times with PBS-T, then wash membrane with PBS-T, 5 min each, total of 3 times.
4. Incubate with 2nd antibody (goat-anti-IgY/Fc-HRP) at dilution 1:10,000 for ECL (with 1% milk PBS-T) at R.T. for 1h.
5. Rinse 3 times with PBS-T, then wash with PBS-T, 5 min each with shaking, total of 3 times.
6. Perform ECL detection of signal using Pierce ECL kit.

Storage

It is supplied as antigen affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1mg/ml (1 \times PBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

References

1. Expert Rev Mol Diagn. 2003 Sep; 3(5): 597 - 604.
2. J Endocrinol. 2003 Aug; 178(2): 169-75.