



## **Anti-Human NOV (a.a.260-357), Chicken-Polyclonal Antibody**

**Catalog No.** PY-10285

**Antigen species:** Human

**Host species:** Chicken

**Quantity:** 100 $\mu$ 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 (260-357 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 (1-32) pAb (PY-10284).

kDa

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: 5,000 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.