

# Genesis Biotech Inc.

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## Anti-Human Cyr61(a.a.275-381), Chicken-Polyclonal Antibody

Catalog No. PY-10282 Antigen species: Human Host species: Chicken

Quantity: 100µg Reactivity: Human Form: Antigen affinity purified antibody

kDa

Applications tested: Western blot

**Target description** 

Cyr61, CCN1, GIG1, IGFBP10, cysteine-rich, angiogenic inducer, 61.

CCN1/Cyr61 is a member of the protein family that can be promptly induced by growth factors. CCN1/Cyr61 promotes cell proliferation, adhesion, and differentiation. It plays important roles in angiogenesis and extracellular matrix production. In addition, CCN1/Cyr61 has many potential functions in tumorigenesis, development, embryo implantation, as well as formation of endometriotic lesions.

### Antigen

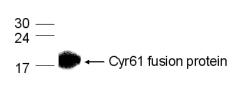
This polyclonal antibody was raised by 2. Incubate membrane with IgY antibodies immunizing chicken with E. coli derived protein (275-381 amino acids).

#### 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-TEM1 pAb (GB-10374).
- 2. Anti-TEM2 pAb (GB-30131).
- 3. Anti-TEM3 pAb (GB-30132).
- 4. Anti-TEM4 pAb (GB-30133).
- 5. Anti-TEM5 pAb (GB-10011).



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.
- 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 (1xPBS). Store at 4°C for shortterm application. For long-term storage, aliquot and store at -20°C.

#### References

- 1. J Cell Biochem. 2007 Apr15;100(6): 1337 -45.
- 2. FEBS J. 2006 Aug; 273(16): 3639-49. Epub 2006 Jul 19.

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