



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

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 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).

kDa

30 —

24 —

17 —

← Cyr61 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×PBS). Store at 4°C for short-term 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.