



Anti-ARCAP(NRIP), Chicken-Polyclonal Antibody

Catalog No. PY-10298

Antigen species: Human

Host species: Chicken

Quantity: 100µg

Reactivity: Human, mouse, rat

Form: Antigen affinity purified antibody

Applications tested: WB

Target description

A novel human nuclear receptor interaction protein (NRIP) has recently been discovered which may play a role in enhancing the transcriptional activity of steroid nuclear receptors in prostate (LNCaP) and cervical (C33A) cancer cell lines.

Antigen

This polyclonal antibody was raised by immunizing chicken with ARCAP fusion protein.

Application

Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining is 1:200. Optimal working dilutions must be determined by the end user.

Related Products

1. Anti-TEM-1 pAb (GB-10374).
2. Anti-BMP1 pAb (GB-10001).
3. Anti-MMP17 pAb (GB-10042).
4. Anti-MMP1 pAb (PY-10174).
5. Anti-MMP12(a.a.35-117) pAb (PY-10169).

kDa

100 —

76 —

47 —

31 —

24 —

14 —

← ARCAP fusion protein

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: 3,000 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 peptide 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 short-term application. For long-term storage, aliquot and store at -20°C.

References

1. Chang SW, Tsao YP, Lin CY, Chen SL. NRIP, a novel calmodulin binding protein, activates calcineurin to dephosphorylate human papillomavirus E2 protein. *J Virol*. 2011 Jul; 85(13):6750-63.
2. Han CP, Lee MY, Tzeng SL, Yao CC, Wang PH, Cheng YW, Chen SL, Wu TS, Tyan YS, Kok LF. Nuclear Receptor Interaction Protein (NRIP) expression assay using human tissue microarray and immunohistochemistry technology confirming nuclear localization. *J Exp Clin Cancer Res*. 2008 Aug 2; 27: 25.

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