



Anti-Cyclin-dependent kinase inhibitor 2A(CDKN2A), Chicken-Polyclonal Antibody

Catalog No. PY-10026 **Quantity:** 100µg **Applications tested:** Western blot
Antigen species: Human **Reactivity:** Human
Host species: Chicken **Form:** Antigen affinity purified antibody

Target description

Cyclin-dependent kinase inhibitor 2A interacts strongly with cdk4 and cdk6. It belongs to the cdkn2 family of cyclin-dependent kinase inhibitors, and plays role in cyclins and cell cycle regulation.

Antigen

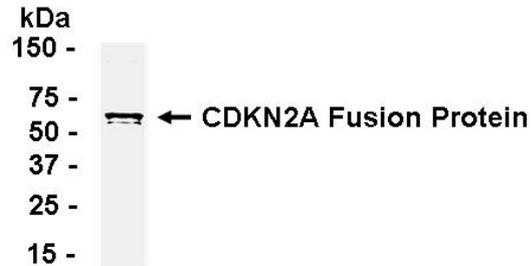
This polyclonal antibody was raised by immunizing chicken with human cyclin-dependent kinase inhibitor 2A fusion protein (a.a.1-51).

Application

Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1:2,000, 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)



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: 2,000 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 1:1,000 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 (1x PBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

References

Dracopoli, N. C.; Fountain, J. W. : CDKN2 mutations in melanoma. *Cancer Surv.* 26: 115-132, 1996.