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Anti-Human HCCR-1 (a.a.183-330), Chicken-Polyclonal

Catalog No. PY-10283 Quantity: 100µg Applications tested: Western blot

Antigen species: Human
Host species: Chicken
Form: Antigen affinity purified antibody

Target description

HCCR-1, LETM1 domain containing isoform 1, LETMD1.

HCCR was not only identified in cervical cancer tissues, but also found to be overexpressed in various human malignancies such as leukemia/lymphoma, breast, kidney, stomach, colon, liver and ovarian cancer. This molecule appeared to be a negative regulator of p53.

Antigen

This polyclonal antibody was raised by immunizing chicken with E. coli derived protein (183-330 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

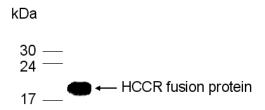
1. Anti-HCCR-1(310-330) (PY-10293).

Storage

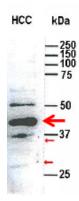
It is supplied as antigen affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1 mg/ml (1×PBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

References

- 1.Histol Histopathol. 2005 Jul;20(3):999-1003.
- 2.Cancer Res. 2004 Aug 1;64(15):5434-41.



400ng E. coli derived protein as test antigen.



30µg human liver cancer cell lysates 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.
- Perform ECL detection of signal using Pierce ECL kit.