



Anti-Histone H1, Chicken-polyclonal Antibody

Catalog No. PY-10140 **Quantity:** 100 μ g **Applications tested:** Western Blot

Reactivity: Bovine, human, mouse, rat, rabbit, and many other species.

Antigen species: Calf Thymus

Host species: Chicken

Form: Antigen affinity purified antibody

Target description

Histone H1 is located in the nuclear and is necessary for the condensation of nucleosome chains into higher order structures.

Antigen

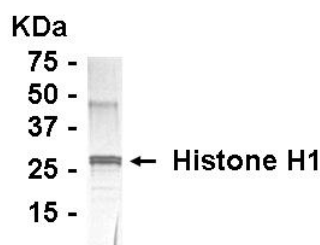
This polyclonal antibody was raised by immunizing chicken with full length of Histone H1 protein.

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-Laminin, pAb (PY-10138).
2. Anti-SOX5 isoform human, pAb (PY-10272).



Calf Thymus Histone H1 protein as test antigen.

Western blot Procedure

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

References

Jakes,S., Hastings,T.G., Reimann,E.M. and Schlender,K.K. Identification of the phosphoserine residue in histone H1 phosphorylated by protein kinase C. FEBS Lett. 234 (1), 31-34 (1988)

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