



## Anti-Histone H1, Chicken-polyclonal Antibody

**Catalog No.** PY-10140    **Quantity:** 100 $\mu$ 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

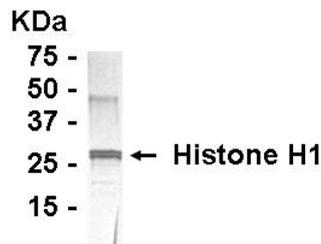
This polyclonal antibody was raised by immunizing chicken with full length of Histone H1 protein.

### 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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