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Anti-SOX5 isoform b (Human, a.a.584-650), Chicken polyclonal Antibody

Catalog No. PY-10303 Quantity: 100μg Applications tested: Western blot

Antigen species: Human Reactivity: Human, dog, chicken, monkey Host species: Chicken Form: Antigen affinity purified antibody

Target description

SRY (sex determining region Y)-box 5 isoform b, L-SOX5, Transcription factor SOX-5.

The Sox (Sry-type HMG box) group of transcription factors, which is defined by a high-mobility group (HMG) DNA-binding domain, is categorized into six subfamilies.

Antigen

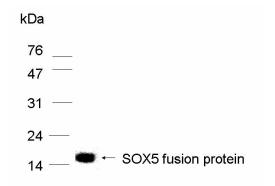
This polyclonal antibody was raised by immunizing chicken with SOX5 fusion protein (584-650 amino acids).

Application

Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1:3000(ECL method), 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-Histon H1, pAb (PY-10140).



E. coli derived 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 1:5,000 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.
- Incubate with 2nd antibody (goatanti-IgY/Fc-HRP) at dilution 1: 10,000 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×PBS). Store at 4°C for short term application. For long-term storage, aliquot and store at -20°C.

References

- 1. Gene. 2002 Sep 18;298(1):59-68.
- 2. J Pathol 2008; 214: 445-455

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