



Anti-Transferrin Chicken-Polyclonal Antibody

Catalog No. PY-10139 **Quantity:** 100µg **Applications tested:** Western Blot
Antigen species: Human **Reactivity:** Human
Host species: Chicken **Form:** Antigen affinity purified antibody

Target description

Transferrin carries iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. It carries iron into cells by receptor-mediated endocytosis. Transferrin may have a physiologic role in the removal of certain organic matter.

Antigen

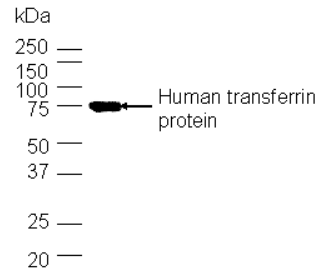
This polyclonal antibody was raised by immunizing chicken with full length protein.

Application

Western Blot, Tissue staining, ELISA. Recommended dilution for Western Blot Analysis is 1:3000~10,000; dilution for tissue Staining analysis is 1:100~1,000. Optimal working dilutions must be determined by the end user.

Related Products

1. Anti-GH, pAb (PY-10103)
2. Anti-Insulin, pAb (PY-10104)
3. Anti-Albumin, pAb(PY-10105)
4. Anti-CRP, pAb(PY-10106)



Antigens are loaded 5µg per well in 12 % SDS-PAGE.

Western blot Protocol

1. Block membrane with 3% BSA in TBS buffer for 1 hour at 37°C.
2. Incubate membrane with IgY antibodies at dilution of 1: 5,000 with 1% milk in PBS-T at 37°C 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 37°C 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 (1xPBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

References

1. Sass-Kuhn SP, Moqbel R, Mackay JA, Cromwell O, Kay AB. *J Clin Invest.* 1984 Jan; 73(1):202-10.
2. Mackay JA, Sass-Kuhn S, Moqbel R, Walsh GM, Kay AB. *Allergy.* 1986 Apr; 41(3):169-78.