



## Anti-RA-regulated nuclear matrix-associated protein (L2DTL), Chicken-Polyclonal Antibody

**Catalog No.** PY-10271  
**Antigen species:** Human  
**Host species:** Chicken

**Quantity:** 100 $\mu$ g  
**Reactivity:** Human  
**Form:** Antigen affinity purified antibody

**Applications:** Western blot

### Target description

RA-regulated nuclear matrix-associated protein, L2DTL, CDW1, RAMP, DTL (Human). Human homologue of *Drosophila* lethal (2) denticleless protein (L2DTL) was found to associate with CUL4 and DDB1 and cell cycle-regulated nuclear and centrosome protein, in aggressive hepatocellular carcinoma. L2DTL also interacts with replication licensing protein CDT1 in vivo. Loss of L2DTL in *Drosophila* S2 and human cells suppressed proteolysis of CDT1 in response to DNA damage.

### Antigen

This polyclonal antibody was raised by immunizing chicken with fusion protein (1-231 amino acids).

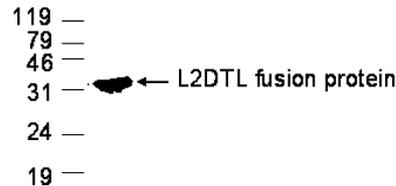
### Application

Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1: 3,000, for tissue or cell staining is 1: 150. Optimal working dilutions must be determined by the end user.

### Related Products

1. Anti-Amyloid  $\beta$  (1-40), rabbit pAb (GB-10536)
2. Anti-Amyloid  $\beta$  (37-42), rabbit pAb (GB-10370)
3. Anti-human fibrinogen, rabbit pAb (PG-10006)
4. Anti-Taxol, rabbit pAb (PG-10007)
5. Anti-Troponin I (TNNI3), chicken pAb (PY-10206)

KDa



*E. coli* derived fusion protein 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: 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.
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 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

1. Pan HW, Chou HY, Liu SH, Peng SY, Liu CL, Hsu HC. Role of L2DTL, cell cycle-regulated nuclear and centrosome protein, in aggressive hepatocellular carcinoma. *Cell Cycle*. 2006 Nov; 5(22):2676-87. Epub 2006 Nov 15.