



Anti-FGFR1OP (Human), Chicken-Polyclonal Antibody

Catalog No. PY-10278

Antigen species: Human

Host species: Chicken

Quantity: 100 μ g

Reactivity: Human, rat, mouse

Form: Antigen affinity purified antibody

Applications: Western blot

Target description

FOP, is a centrosomal protein that is involved in the anchoring of microtubules (MTS) to subcellular structures. The protein was originally discovered as a fusion partner with FGFR1 in oncoproteins that give rise to stem cell myeloproliferative disorders. A subsequent proteomics screen identified FOP as a component of the centrosome. FOP contains a Lis-homology (LisH) motif found in more than 100 eukaryotic proteins.

Antigen

This polyclonal antibody was raised by immunizing chicken with FGFR1OP fusion protein (1-80 amino acids).

Application

Western blotting, ELISA, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1:3000 (ECL method), for tissue or cell staining is 1:200.

Related Products

1. Anti-Amyloid β (1-40), rabbit pAb (GB-10536)
2. Anti-Amyloid β (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

38 —

31 —

24 —

17 —

12 —

 ← FGFR1OP fusion protein

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. Popovici, C., Zhang, B., Gregoire, M.-J., Jonveaux, P., Lafage-Pochitaloff, M., Birnbaum, D., Pebusque, M.-J. The t(6;8)(q27;p11) translocation in a stem cell myeloproliferative disorder fuses a novel gene, FOP, to fibroblast growth factor receptor 1. *Blood* 3:1381-1389(1999).