元郁有限公司
Yuan Yu Ltd.

TEL: +886-2-22182849
FAX: +886-2-22181732
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Anti-grouper heat shock coagnate protein 70, Rabbit-Polyclonal Antibody

Catalog No. PG-10017 **Quantity:** 100μg **Applications tested:** Western Blot, IFA
Antigen species: Grouper HSC70 **Reactivity:** Grouper HSC70
Host species: Rabbit **Form:** Protein A affinity purified antibody

Target description

The heat shock protein (HSP) family consists of heat-inducible and constitutive expression proteins. The constitutive expression HSP is called heat shock cognate protein (HSC). HSC70 exhibits a chaperone function: it can bind to newly synthesized polypeptides to form correct conformations and to hydrolyze ATP for degrading clathrin coated on vesicles during endocytosis. Grouper HSC70 has a role in the nervous necrosis virus (NNV) entry of GF-1 cells.

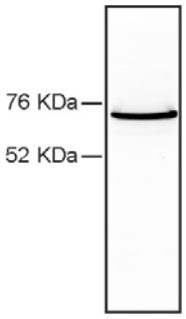
Antigen

This polyclonal antibody was raised by immunizing rabbit with the purified recombinant protein corresponding to amino acids 413-605 of grouper HSC70.

Application

The antibody titer is 1:500 dilution for Western blot (WB) and 1:100 dilution for immunofluorescent assay (IFA).

Related Products



Western blot test

The grouper HSC70 in the cell lysate of GF-1 cells is positively detected in the location of M.W. of 76~52 kDa by Western Blot analysis with 1:500 dilution.

Storage

It is supplied as protein A affinity purified antibody in lyophilized powder. Reconstituted the powder with 100 microliter sterile water will restore to the original concentration 1 mg/mL. Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

References

1. Chang JS, Chi SC. GHSC70 Is Involved in the Cellular Entry of Nervous Necrosi s Virus. J Viol. 2015; 89: 61-70.