



Anti-grouper VDAC2 protein, Rabbit-Polyclonal Antibody

Catalog No. PG-10018 **Quantity:** 100 μ g **Applications tested:** Western Blot, IFA
Antigen species: Grouper VDAC2 protein **Reactivity:** Grouper VDAC2 protein
Host species: Rabbit **Form:** Protein A affinity purified antibody

Target description

Voltage-dependent anion selective channel protein (VDAC) is mainly located on the mitochondrial outer membrane. In groupers, two VDACs have been identified: GVDAC1 and GVDAC2. GVDAC1 was reported to induce apoptosis when overexpressed in fathead minnow cells and participates in antibacterial immune response. GVDAC2 is required for nervous necrosis virus (NNV) infection for maintaining the cellular ATP level and has positive impact on virus-induced apoptosis.

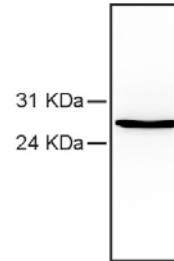
Antigen

This polyclonal antibody was raised by immunizing rabbit with purified recombinant grouper VDAC2 protein.

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 VDAC2 in the cell lysate of GF-1 cells is positively detected in the location of M.W. of 31~24 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 Necrosis Virus. *J Virol.* 2015; 89: 61-70.
2. Chang JS, Chi SC. Grouper voltage-dependent anion selective channel protein 2 is required for nervous necrosis virus infection. *Fish Shellfish Immunol.* 2015; 46: 315-22.