

Anti-Zebrafish PR/PGR Antibody Picoband®

Catalog Number: AZC9V3N7

About PGR

Enables nuclear steroid receptor activity and steroid binding activity. Acts upstream of or within luteinizing hormone signaling pathway and ovulation. Predicted to be active in chromatin and nucleus. Is expressed in several structures, including brain; digestive system; gonad; steroid hormone secreting cell; and ventricular zone. Human ortholog(s) of this gene implicated in endometriosis; hyperprolactinemia; and obesity. Orthologous to human PGR (progesterone receptor).

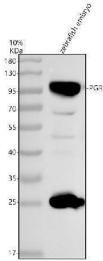
Overview

Product Name	Anti-Zebrafish PR/PGR Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish PR/PGR Antibody Picoband® catalog # AZC9V3N7. Tested in WB applications. This antibody reacts with Zebrafish. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	C9V3N7

Technical Details

Immunogen	E.coli-derived Zebrafish PR/PGR recombinant protein (Position: K71-K586).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Zebrafish

Anti-Zebrafish PR/PGR Antibody Picoband® (AZC9V3N7) Images



Western blot analysis of PGR using anti-PGR antibody (AZC9V3N7). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: zebrafish embryo tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-PGR antigen affinity purified polyclonal antibody (AZC9V3N7) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for PGR at approximately 100 kDa. The expected band size for PGR is at 36 kDa.

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Anti-Zebrafish PR/PGR Antibody

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