abcam

Product datasheet

Anti-Vitellogenin antibody [BN-5] ab36797

★★★★★ **1 Abreviews**   **1 References**   2 Images

Overview

Product name	Anti-Vitellogenin antibody [BN-5]
Description	Mouse monoclonal [BN-5] to Vitellogenin
Host species	Mouse
Tested applications	**Suitable for:** WB, ELISA
Species reactivity	**Reacts with:** Fish, Rainbow trout, Salmo salar, Brown trout, Salvelinus alpinus
Immunogen	Full length native vitellogenin purified from plasma of 17 beta estradiol induced Atlantic salmon (Salmo salar).
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.1% Sodium azide Constituents: 1% BSA, 0.87% Sodium chloride, 1.64% Sodium phosphate
Purity	Protein G purified
Clonality	Monoclonal
Clone number	BN-5
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab36797 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

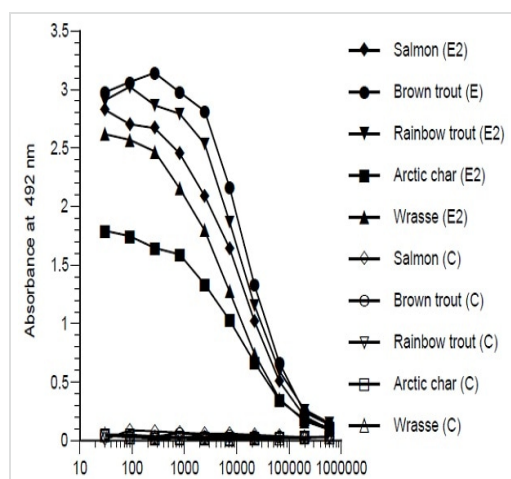| Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 180 kDa.
ELISA		1/100 - 1/2000.

Target

Relevance Vitellogenin (Vg) is an egg yolk precursor protein expressed solely in female fish and is dormant in male fish, but in the presence of estrogenic EDCs, male fish can express the Vg gene but in a dose dependent manner. The use of Vg gene expression in male fish can be used as a molecular marker of exposure to estrogenic Endocrine Disrupting Chemicals (EDCs).
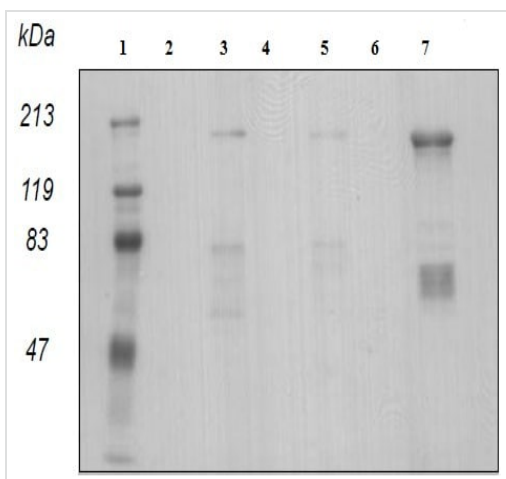
Cellular localization Secreted

Images

ELISA - Anti-Vitellogenin antibody [BN-5] (ab36797)

Coating: Plasma (diluted 1:1000) from 17 beta-estradiol treated (E2), sexually mature female (E) or control (C) fish. Primary antibody: BN-5.

Western blot - Anti-Vitellogenin antibody [BN-5] (ab36797)

All lanes : Anti-Vitellogenin antibody [BN-5] (ab36797) at 1/100 dilution

Lane 1 : MW Standard
Lane 2 : Salmon (C)
Lane 3 : Salmon (E2)
Lane 4 : Brown trout (C)
Lane 5 : Brown trout (E)
Lane 6 : Rainbow trout (C)
Lane 7 : Rainbow trout (E2)

Predicted band size: 180 kDa

Samples: Plasma (1:200, 7 µl/well) from 17 beta-estradiol treated (E2), sexually mature female (E) or control (C) fish.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors