

Datasheet for ABIN334509
anti-THRB antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µg |
| Target: | THRB |
| Binding Specificity: | Internal Region |
| Reactivity: | Zebrafish (Danio rerio) |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This THRB antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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| Purpose: | Thrb (zebrafish) |
| Immunogen: | Peptide with sequence C-DIGSAPIVNAPEGNKVD, from the internal region of the protein sequence according to NP_571415.1. |
| Sequence: | DIGSAPIVNA PEGNKVD |
| Isotype: | IgG |
| Specificity: | This antibody is not expected to cross-react to Thra. |
| Cross-Reactivity: | Zebrafish (Danio rerio) |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

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| Target: | THRB |
| Alternative Name: | thrb (THRB Products) |
| Background: | Thrb, thyroid hormone receptor beta, NR1A2, TR-beta, TR[b]1, fj24f03, trb, wu:fj24f03 |
| NCBI Accession: | NP_571415 |
| Pathways: | Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Sensory Perception of Sound |

Application Details

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| Application Notes: | Western Blot: Approx 50 kDa band observed in Zebrafish adult Heart lysates (calculated MW of 44.3 kDa according to NP_571415.1). Recommended concentration: 2-5 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000. |
| Restrictions: | For Research Use only |

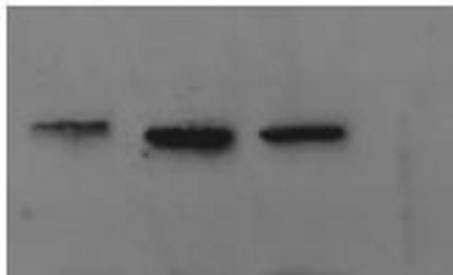
Handling

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| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |

Adult hearts samples

50 kd

37 kd



Western Blotting

Image 1. ABIN334509 (2.5µg/ml) staining of Zebrafish adult Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.