

Goat anti-Thrb (zebrafish) Antibody

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| Item Number | dAP-1197 |
| Target Molecule | Principle Name: Thrb (zebrafish); Official Symbol: thrb; All Names and Symbols: thrb; thyroid hormone receptor beta; NR1A2; TR-beta; TR[b]1; fJ24f03; trb; wu:fJ24f03; Accession Number (s): NP_571415.1; Human Gene ID(s): ; Non-Human GenID(s): |
| Immunogen | DIGSAPIVNAPEGNKVD, is from internal region This antibody is not expected to cross-react to Thra. |
| Applications | Pep ELISA, WB Species Tested: Zebrafish |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 32000. |
| Western Blot | Western Blot: Approx 50kDa band observed in Zebrafish adult Heart lysates (calculated MW of 44.3kDa according to NP_571415.1). Recommended concentration: 2-5µg/ml. |
| IHC | |
| Reference | Reference(s): Liu YW, Chan WK. Thyroid hormones are important for embryonic to larval transitory phase in zebrafish. Differentiation. 2002 Mar;70(1):36-45.. PMID: 11963654 -> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**