



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07960 - Goat Anti-Patched 1 (zebrafish) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ptc1, patched 1, ptc-1, etlD309849.2, patched1

Official Symbol: ptc1

Accession Number(s): NP_571063.1

Immunogen

Peptide with sequence C-QTGSKEPFNYSQ, from the internal region of the protein sequence according to NP_571063.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Immunofluorescence: This product has been successfully used in IF studies of zebrafish tumors (Ju et al, Mol Cancer. 2009 Jun 25;8:40.; PMID: 19555497). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Zebrafish

Expected from sequence similarity: Zebrafish

Specific Reference

This antibody has been successfully used (in IF on Zebrafish tumors) in the following paper:

Ju B, Spitsbergen J, Eden CJ, Taylor MR, Chen W.

Co-activation of hedgehog and AKT pathways promote tumorigenesis in zebrafish. Mol Cancer. 2009 Jun 25;8:40.

PMID: 19555497