



## UK Office

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**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-QTGSKKEPFNYSQ, 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