



# Anti-PTCH2 polyclonal antibody (DPAB-DC1535)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	PTCH2 (patched 2) is a protein-coding gene. Diseases associated with PTCH2 include basal cell carcinoma, and commissural facial cleft, and among its related super-pathways are Hedgehog Pathway and GPCR downstream signaling. GO annotations related to this gene include hedgehog family protein binding and hedgehog receptor activity. An important paralog of this gene is PTCH1.
<b>Immunogen</b>	A synthetic peptide corresponding to zebrafish ptc1. The sequence is C-QTGSKKEPFNYSQ
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Zebrafish
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IF, ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">ptch2 patched 2 [ Danio rerio (zebrafish) ]</a>
Official Symbol	PTCH2
Synonyms	PTCH2; patched 2; ptc1; ptc-1; ptch1; protein patched homolog 1; blw; blowout; patched 1; etlID309849.2;
Entrez Gene ID	<a href="#">30181</a>
Protein Refseq	<a href="#">NP_571063</a>
UniProt ID	<a href="#">Q98864</a>
Chromosome Location	chromosome: 2
Pathway	Hedgehog Signaling Pathway; Hedgehog signaling pathway;
Function	hedgehog receptor activity;