



Anti-PTCH2 polyclonal antibody (DPAB-DC1535)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	A synthetic peptide corresponding to zebrafish ptc1. The sequence is C-QTGSKKEPFNYSQ
Source/Host	Goat
Species Reactivity	Zebrafish
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	IF, ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ptch2 patched 2 [Danio rerio (zebrafish)]
Official Symbol	PTCH2
Synonyms	PTCH2; patched 2; ptc1; ptc-1; ptch1; protein patched homolog 1; blw; blowout; patched 1; etID309849.2;
Entrez Gene ID	30181
Protein Refseq	NP_571063
UniProt ID	Q98864
Chromosome Location	chromosome: 2
Pathway	Hedgehog Signaling Pathway; Hedgehog signaling pathway;
Function	hedgehog receptor activity;