

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## Product datasheet for TA338213

## PTCH2 Rabbit Polyclonal Antibody

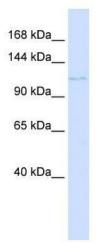
## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PTCH2 antibody: synthetic peptide directed towards the N terminal of human PTCH2. Synthetic peptide located within the following region: LAQEALPENASQQIHAFSSTTLDDILHAFSEVSAARVVGGYLLMLAYACV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	130 kDa
Gene Name:	patched 2
Database Link:	<u>NP_003729</u> <u>Entrez Gene 8643 Human</u> <u>Q9Y6C5</u>
Background:	This gene encodes a transmembrane receptor of the patched gene family. The encoded protein may function as a tumor suppressor in the hedgehog signaling pathway. Alterations in this gene have been associated with nevoid basal cell carcinoma syndrome, basal cell carcinoma, medulloblastoma, and susceptibility to congenital macrostomia. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]
Synonyms:	PTC2



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	PTCH2 Rabbit Polyclonal Antibody – TA338213
Note:	Immunogen Sequence Homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rat: 93%; Mouse: 93%; Rabbit: 86%; Pig: 79%; Guinea pig: 79%
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathway	Basal cell carcinoma, Hedgehog signaling pathway, Pathways in cancer
Product imag	es:



WB Suggested Anti-PTCH2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human Placenta

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US