

Product datasheet for **TA338213**

PTCH2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	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: LAQEALPENASQQIHAFSSTLDDILHAFSEVSAARVVGGYLLMLAYACV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	NP_003729 Entrez Gene 8643 Human Q9Y6C5
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



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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 Pathways: Basal cell carcinoma, Hedgehog signaling pathway, Pathways in cancer

Product images:



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