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Datasheet for ABIN3032167 anti-Patched 2 antibody (C-Term)

2 Images



Overview

Quantity:	100 µg
Target:	Patched 2 (PTCH2)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Patched 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human Patched 2 (WLHDKYDTTGENLRIPP) was used as the immunogen for this PTCH2 antibody.
Isotype:	lgG
Purification:	Antigen affinity

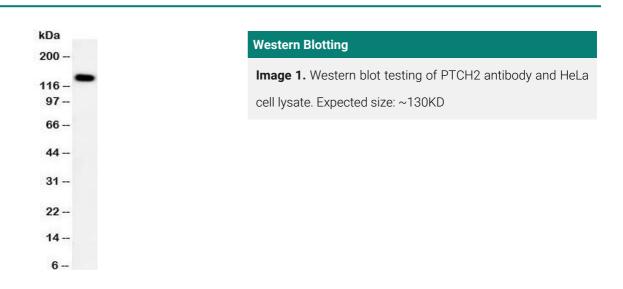
Target Details

Target:	Patched 2 (PTCH2)
Alternative Name:	PTCH2 (Patched 2) (PTCH2 Products)
Background:	PTCH2 (Patched 2), also known as PTC2, encodes a 1.203-amino acid putative transmembrane protein that is highly homologous to the PTCH product. The Patched-hedgehog signaling
	pathway is involved in establishing segment polarity and the anterior-posterior orientation of a

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	number of developing appendages. The pathway is conserved from fly to vertebrates and has been implicated in a number of human neoplasms and developmental syndromes. Mutations in the human Patched gene are the basis of the nevoid basal cell carcinoma syndrome. With age, homozygous mutant male mice developed skin lesions consisting of alopecia and epidermal hyperplasia, suggesting a role for PTCH2 in adult epidermal homeostasis via Shh signaling.
UniProt:	Q9Y6C5
Pathways:	Hedgehog Signaling
Application Details	
Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the PTCH2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
	Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only
Handling	
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the PTCH2 antibody can be stored for up to one month at 4°C. For long- term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



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Images

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Western Blotting

Image 2. Western blot testing of PTCH2 antibody and HeLa

cell lysate. Expected size: ~130KD

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