

Datasheet for ABIN7091516 **anti-Patched 1 antibody (AA 1-100)**



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Overview

Quantity:	100 µL
Target:	Patched 1 (PTCH1)
Binding Specificity:	AA 1-100
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Patched 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Patched
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Patched 1 (PTCH1)
Alternative Name:	Patched (PTCH1 Products)
Background:	Synonyms: Protein patched homolog 1, PTCH, PTC1, A230106A15Rik, BCNS, FLJ26746,

Target Details

FLJ42602, Holoprosencephaly 7, HPE7, mes, NBCCS, OTTHUMP00000021709, OTTHUMP00000021710, Patched, Patched (Drosophila) homolog, Patched 1, Patched homolog (Drosophila), Patched homolog 1 (Drosophila), Patched homolog 1, Patched protein homolog 1, PTC, PTC1, PTCH, PTCH protein +12b, PTCH protein +4', PTCH protein -10, PTCH protein, PTCH1, PTCH1 protein, PTCH11, Ptch2, , Patched / PTCH, PTC1_HUMAN.

Background: Acts as a receptor for sonic hedgehog (SHH), indian hedgehog (IHH) and desert hedgehog (DHH). Associates with the smoothened protein (SMO) to transduce the hedgehog's proteins signal. Seems to have a tumor suppressor function, as inactivation of this protein is probably a necessary, if not sufficient step for tumorigenesis.

Gene ID:	5727
UniProt:	Q13635
Pathways:	Hedgehog Signaling , Carbohydrate Homeostasis , Tube Formation

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months