

# PTCH Polyclonal Antibody

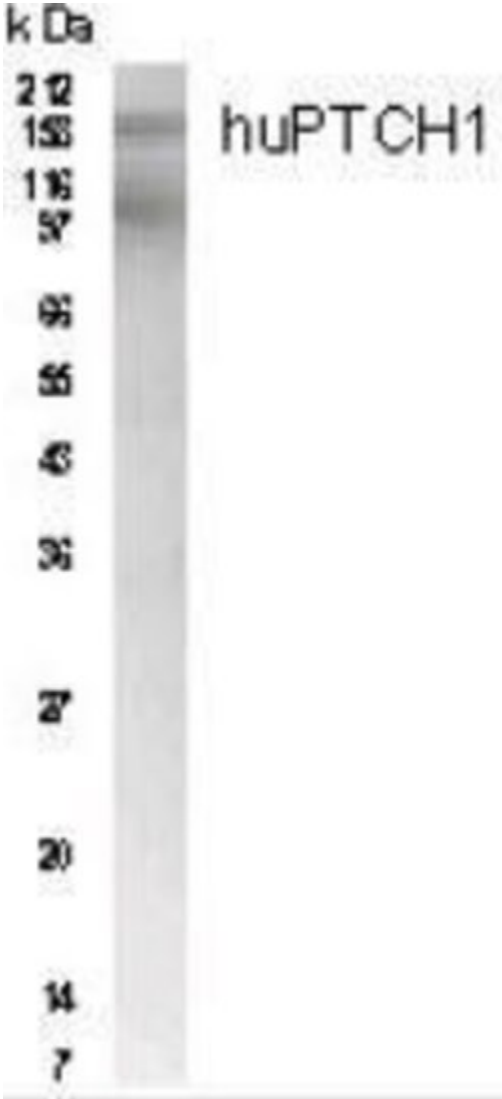
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Chicken
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide made to residues 269-279 of the human and mouse PTCH protein.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2176571

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	3 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:500	-
Immunohistochemistry (Frozen) (IHC (F))	1:10-1:500	-
Immunocytochemistry (ICC/IF)	1:10-1:500	-
ELISA (ELISA)	1:100-1:2,000	-

## Product Specific Information

Suggested positive control: antigen standard for PTCH1 (transient overexpression lysate).

Product Images For PTCH Polyclonal Antibody



**PTCH Antibody (PA1-46222) in WB**

Western Blot analysis of Human PTCH1 in Fetal brain Lysate with anti huPTCH1 at a 1:500 dilution.

Western Blot (3)

Aging

**microRNA-9 and -29a regulate the progression of diabetic peripheral neuropathy via ISL1-mediated sonic hedgehog signaling pathway.**

"PA1-46222 was used in Western Blotting to investigate whether overexpression of miR-9 and miR-29a may contribute to DPN development and progression."

Authors: Sun Q,Zeng J,Liu Y,Chen J,Zeng QC,Chen YQ,Tu LL,Chen P,Yang F,Zhang M

**Species**  
Rat  
Not Applicable

**Dilution**  
1:500  
Not Cited

**Year**  
2020

The Journal of surgical research

**The Expression of Shh, Ptch1, and Gli1 in the Developing Caudal Spinal Cord of Fetal Rats With Anorectal Malformations.**

"PA1-46222 was used in Immunohistochemistry to show that Shh, Ptch1, and Gli1 expression in the lumbosacral spinal cord of rat embryos with ARMs was decreased at both the messenger RNA and protein levels, when compared with their expression levels in normal tissues."

Authors: Yang Z,Gao L,Jia H,Bai Y,Wang W

**Species**  
Rat

**Dilution**  
1:500

**Year**  
2019

[View more WB references on thermofisher.com](#)

Immunohistochemistry (1)

The Journal of surgical research

**The Expression of Shh, Ptch1, and Gli1 in the Developing Caudal Spinal Cord of Fetal Rats With Anorectal Malformations.**

"PA1-46222 was used in Immunohistochemistry to show that Shh, Ptch1, and Gli1 expression in the lumbosacral spinal cord of rat embryos with ARMs was decreased at both the messenger RNA and protein levels, when compared with their expression levels in normal tissues."

Authors: Yang Z,Gao L,Jia H,Bai Y,Wang W

**Species**  
Rat

**Dilution**  
1:500

**Year**  
2019

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