

Anti-PTCH1 Antibody



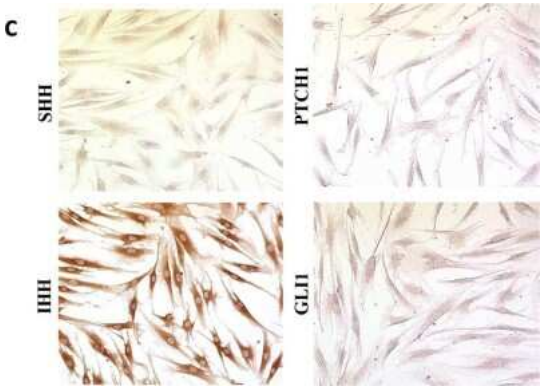
Product Details

Available Variants	100 µL (SKU:24134)
Isotype	IgG
Gene Name	PTCH1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 0.02% NaN ₃
Applications	ELISA, WB
Dilution Ranges	WB: 1:500-1:1000 WB Brain: 1:500-1:1000
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to amino acids from mouse PTCH1 protein
Specificity	Reacts with mouse PTCH protein. Expected to cross react with rat, chicken and human due to 100% sequence identity.
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
UniProt ID	<u>Q61115</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.

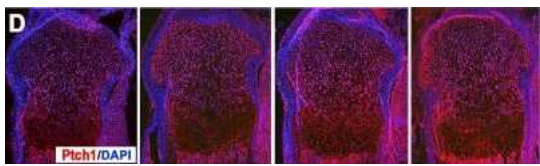
Usage Statement

For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

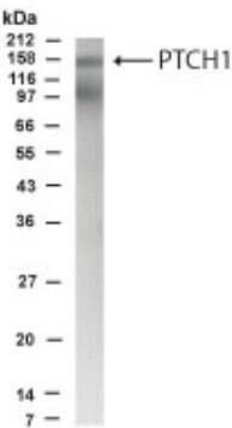
Product Images



Immunocytochemistry of fibroblasts and oral squamous carcinoma cells showing specific immunolableing of Patched 1/PTCH Antibody in upper right. Magnification: 400x. Image from the following publication ([//pubmed.ncbi.nlm.nih.gov/32899449/](http://pubmed.ncbi.nlm.nih.gov/32899449/)) licensed under a CC-BY license.



Immunohistochemistry showing specific staining of PTCH1 and increased protein levels throughout the growth plate in Smad2 and Smad3 mutants, particularly in the resting zone. All images are P0 proximal tibias. Image from the following publication (<http://dx.plos.org/10.1371/journal.pgen.1006352>) licensed under a CC-BY license.



Western Blot of human fetal brain lysate showing specific immunolabeling of PTCH1.



Created on 10. September 2026 | All information without guarantee