

Product Name: PTCH1 Rabbit Polyclonal Antibody
Catalog #: APRab00420



Summary

Production Name	PTCH1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Immunogen

Gene Name	PTCH1
Alternative Names	PTCH1; PTCH; Protein patched homolog 1; PTC; PTC1
Gene ID	5727
SwissProt ID	Q13635.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 ELISA: 1:10000
Molecular Weight	Calculated MW: 161 kDa; Observed MW: 161 kDa

Background

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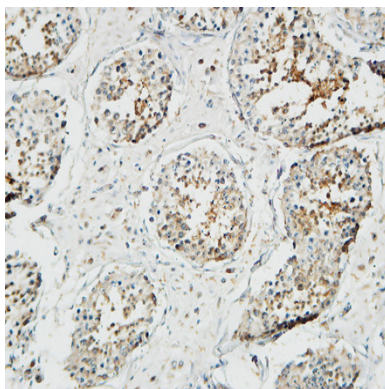


This gene encodes a member of the patched gene family. The encoded protein is the receptor for sonic hedgehog, a secreted molecule implicated in the formation of embryonic structures and in tumorigenesis, as well as the desert hedgehog and indian hedgehog proteins. This gene functions as a tumor suppressor. Mutations of this gene have been associated with basal cell nevus syndrome, esophageal squamous cell carcinoma, trichoepitheliomas, transitional cell carcinomas of the bladder, as well as holoprosencephaly. Alternative splicing results in multiple transcript variants encoding different isoforms. Additional splice variants have been described, but their full length sequences and biological validity cannot be determined currently.

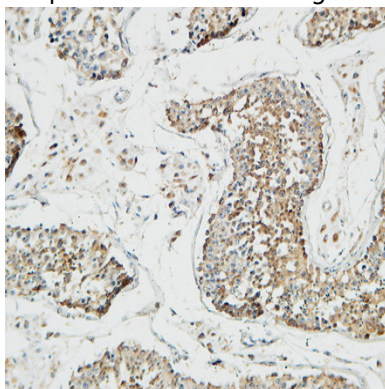
Research Area

Cell Biology

Image Data

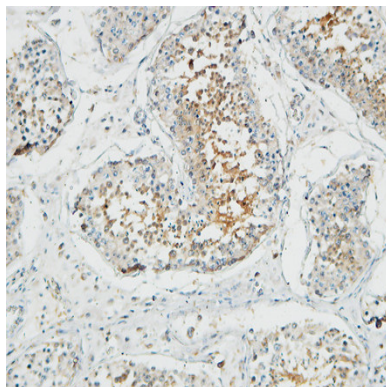


Immunohistochemistry analysis of paraffin-embedded Human testis using PTCH1 antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval.

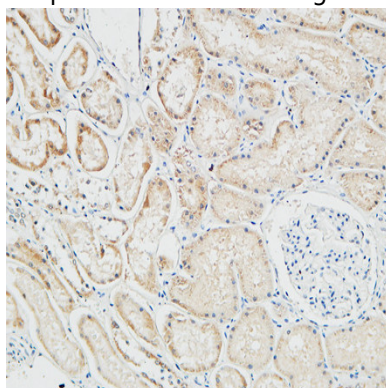


Immunohistochemical analysis of paraffin-embedded Human tonsils using PTCH1 antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval.

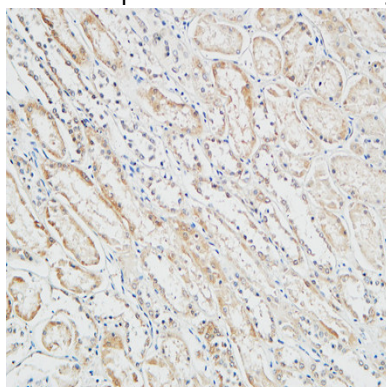
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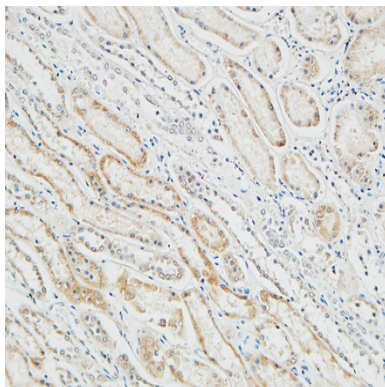


Immunohistochemistry analysis of paraffin-embedded Human Right kidney using PTCH1 antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval.



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Note

For research use only.