

**PTCH1 polyclonal antibody**

Catalog: BZ16475

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

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.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 161 kDa; Observed MW: 161 kDa

**Swiss-Prot:**

Q13635

**Purification&Purity:**

Affinity Purified

**Applications:**

WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

**Storage&Stability:**

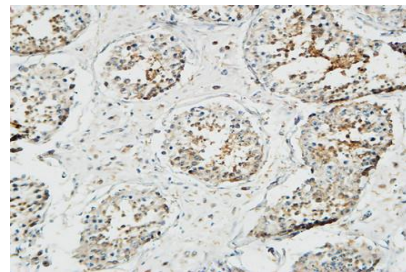
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**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.

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

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.

**Note:**

For research use only, not for use in diagnostic procedure.

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