

PTCH1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 200138

Unit: 0.1 mg

Description:

PTCH1 is a receptor for sonic hedgehog, indian hedgehog and desert hedgehog that associates with the smoothened protein to transduce the hedgehog's protein signal. Defects in PTCH1 are the cause of several structural anomalies of the brain such as the basal cell nevus syndrome and holoprosencephaly type 7.

Isotype: Rabbit Ig

Applications: E, IF, WB

Species Reactivity: H, M, R, X

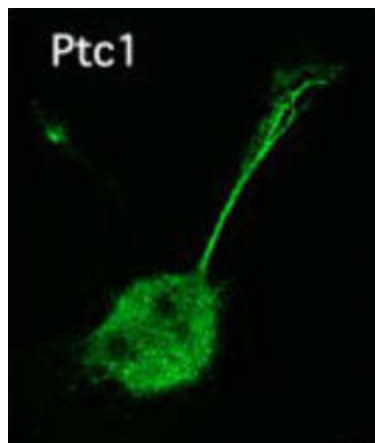
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 15% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Protein patched homolog 1; PTC; PTC1; PTCH1; PTCH

Accession No.: Q13635

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PTCH1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IF: 1:100-1:500



PTCH1 staining in Xenopus retina. Paraformaldehyde-fixed Xenopus retina is stained with PTCH1 Antibody (Cat. No. 200138) used at a 1:200 dilution (from Gordon et al. 2010).

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Gordon L. et al. 2010. Developmental Dynamics. 239(11): 2921-2932. PMID# 20931659

For research use only, not for diagnostic or therapeutic procedures.