

Datasheet for ABIN7165907
anti-Patched 2 antibody (AA 793-951)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	Patched 2 (PTCH2)
Binding Specificity:	AA 793-951
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Patched 2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Protein patched homolog 2 protein (793-951AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Patched 2 (PTCH2)
Alternative Name:	PTCH2 (PTCH2 Products)
Background:	Background: May have a role in epidermal development. May act as a receptor for Sonic hedgehog (SHH).

Target Details

Aliases: patched (Drosophila) homolog 2 antibody, patched homolog 2 (Drosophila) antibody, Protein patched homolog 2 antibody, PTC2 antibody, PTC2_HUMAN antibody, Ptch2 antibody

UniProt: [Q9Y6C5](#)

Pathways: [Hedgehog Signaling](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

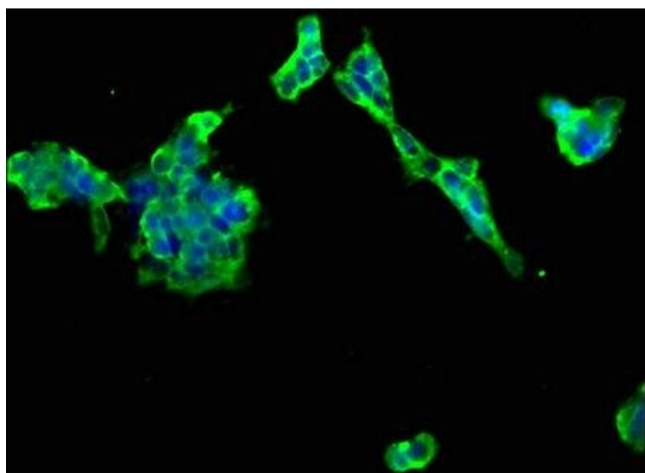
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

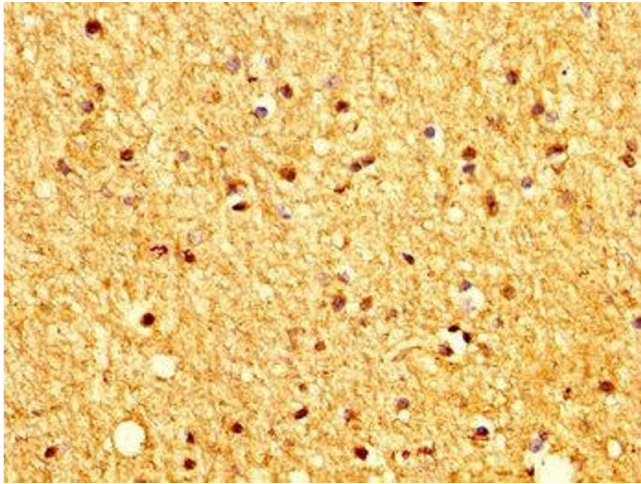
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of 293 cells with ABIN7165907 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7165907 diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.