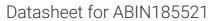
antibodies -online.com





anti-Patched 1 antibody (C-Term)



Images



Publications



Go to Product page

Overview

Quantity:	100 μg
Target:	Patched 1 (PTCH1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Patched 1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	PTCH (C Terminus)
Immunogen:	Peptide with sequence ELQDVECEERPR, from the C Terminus of the protein sequence according to NP_000255.1, NP_001077072.1, NP_001077071.1, NP_001077073.1, NP_001077074.1, NP_001077075.1, NP_001077076.1.
Sequence:	ELQDVECEER PR
Isotype:	IgG
Specificity:	This antibody is expected to recognise all reported isoforms. Variants (NP_001077073.1, NP_001077074.1, NP_001077075.1, NP_001077076.1) encode the same isoform.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details chromatography using the immunizing peptide. Grade: Verified Target Details Patched 1 (PTCH1) Target: Alternative Name: PTCH1 (PTCH1 Products) Background: PTCH1, PTCH, patched homolog (Drosophila), HGNC:9585, BCNS, HPE7, NBCCS, PTC, PTC1, patched, patched (Drosophila) homolog, patched homolog 1 (Drosophila), RP11-43505.3, FLJ26746, FLJ42602, PTCH11, OTTHUMP00000021709, OTTHUMP00000021710, PTCH protein +12b, Gene ID: 5727 NCBI Accession: NP_000255, NP_001077072, NP_001077071, NP_001077073, NP_001077074, NP_001077075, NP_001077076 Pathways: Hedgehog Signaling, Carbohydrate Homeostasis, Tube Formation **Application Details Application Notes:** Immunohistochemistry: Paraffin embedded Human Brain (Coretx). Recommended concentration: 8 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000. Comment: Immunofluorescence: Strong expression of the protein seen in the Golgi of HeLa and NIH3T3 cells. Recommended concentration: 10µg/ml. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Sodium azide

Preservative:

Precaution of Use:

Handling

	should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

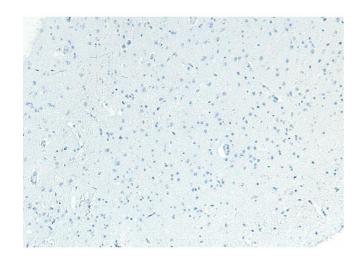
Publications

Product cited in:

Abiria, Williams, Munden, Grover, Wallace, Lundberg, Valadez, Cooper: "Expression of Hedgehog ligand and signal transduction components in mutually distinct isocitrate dehydrogenase mutant glioma cells supports a role for paracrine signaling." in: **Journal of neuro-oncology**, Vol. 119, Issue 2, pp. 243-51, (2014) (PubMed).

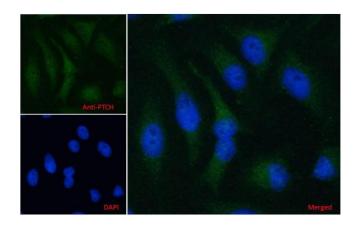
Gerardo Valadez, Grover, Carter, Calcutt, Abiria, Lundberg, Williams, Cooper: "Identification of Hedgehog pathway responsive glioblastomas by isocitrate dehydrogenase mutation." in: **Cancer letters**, Vol. 328, Issue 2, pp. 297-306, (2012) (PubMed).

Images



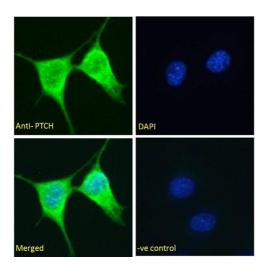
Immunohistochemistry

Image 1. ABIN185521 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.



Immunofluorescence

Image 2. ABIN185521 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunofluorescence

Image 3. ABIN185521 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing Golgi and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Please check the product details page for more images. Overall 7 images are available for ABIN185521.