

Anti-PTCH antibody (C-Term) (STJ70821)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/IHC/IF
Host / Source	Goat
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

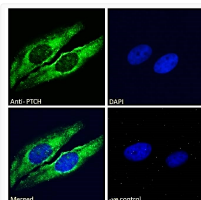
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:16000. IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 8µg/ml. IF: Strong expression of the protein seen in the Golgi of HeLa and NIH3T3 cells. Recommended concentration: 8µg/ml.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

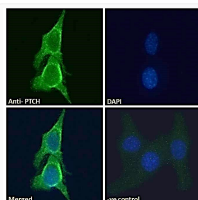
Gene ID	5727
Gene Symbol	PTCH1
UniProt ID	PTC1_HUMAN
Immunogen Region	C-Term
Immunogen Sequence	ELQDVECEERPR
Specificity	This antibody is expected to recognise all reported isoforms. Variants (NP_001077073.1; NP_001077074.1; NP_001077075.1; NP_001077076.1) encode the same isoform.

ADDITIONAL INFORMATION

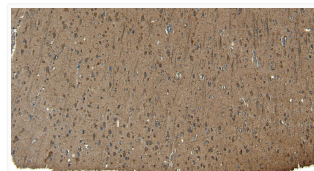
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



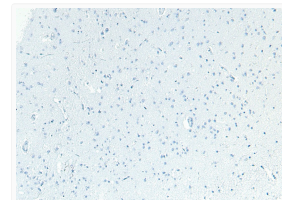
STJ70821 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml), showing Golgi/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ70821 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml), showing Golgi staining. The nuclear stain is DAPI (blue). NA Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ70821 (8µg/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



STJ70821 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.