Anti-PTCH1 antibody (266-280) (STJ72564)

STJ72564

GENERAL INFORMATION

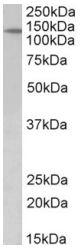
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-PTCH1 (266-280) is suitable for use in ELISA, Western Blot, Immunofluorescence and Immunohistochemistry research applications.
Applications	Pep-ELISA/WB/IF/IHC
Host/Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Cow

PRODUCT PROPERTIES

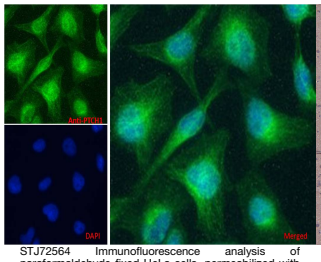
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 140kDa band observed in Mouse fetal Kidney lysates (calculated MW of 159kDa according to NP_032983.1). This molecular weight is routinely observed by other sources. Recommended
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

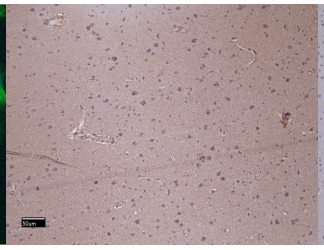
Gene ID	5727
Gene Symbol	PTCH1
Uniprot ID	PTC1_HUMAN
Immunogen	
Immunogen Region	266-280
Specificity	This antibody is expected to recognize all reported isoforms (NP_000255.2; NP_001077072.1; NP_001077071.1; NP_001077073.1). Reported variants represent identical protein: NP_001077075.1, NP_001077074.1, NP_001077073.1, NP_001077076.1
Immunogen Sequence	EELKKINYQVDSWEE



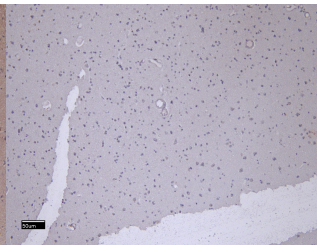
STJ72564 (2Âµg/ml) staining of Mouse fetal Kidney lysate (35Âµg protein in RIPA buffer). Detected by chemiluminescence.



STJ72564 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 and Golgi apparatus staining. The nuclear stain is DAPI (blue).



STJ72564 (8Âµg/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



STJ72564 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.

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