

# Immunotag™ Patched Antibody

Antibody Specification	
Catalog No.	ITA0174
Product Description	Immunotag™ Patched Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Patched
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Patched
Specificity	Patched antibody detects endogenous levels of total Patched
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PTCH1
Accession No.	Q13635
Alternate Names	A230106A15Rik; BCNS; FLJ26746; FLJ42602; Holoprosencephaly 7; HPE7; mes; NBCCS; OTTHUMP00000021709; OTTHUMP00000021710; Patched; Patched (Drosophila) homolog; Patched 1; Patched homolog (Drosophila); Patched homolog 1 (Drosophila); Patched homolog 1; Patched protein homolog 1; Protein patched homolog 1; PTC; PTC1; PTC1_HUMAN; PTCH; PTCH protein +12b; PTCH protein +4'; PTCH protein -10; PTCH protein; ptch1; PTCH1 protein; PTCH11; Ptch2;

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Description	Acts as a receptor for sonic hedgehog (SHH), indian hedgehog (IHH) and desert hedgehog (DHH). Associates with the smoothened protein (SMO) to transduce the hedgehog's proteins signal. Seems to have a tumor suppressor function, as inactivation of this protein is probably a necessary, if not sufficient step for tumorigenesis.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	160kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.