

Goat anti-PTCH1 (aa266-280) Antibody

Item Number	dAP-2878
Target Molecule	Principle Name: PTCH1 (aa266-280); Official Symbol: PTCH1; All Names and Symbols: PTCH1; patched 1; BCNS; FLJ26746; FLJ42602; HPE7; NBCCS; PTC; PTC1; PTCH; PTCH11; OTTHUMP00000021709; OTTHUMP00000021710; PTCH protein +12b; PTCH protein +4'; PTCH protein -10; patched homolog 1; protein patched homolog 1; Accession Number (s): NP_000255.2; NP_001077072.1; NP_001077071.1; NP_001077073.1; Human Gene ID(s): 5727; Non-Human GeneID(s): 19206 (mouse) 89830 (rat)
Immunogen	EELKKINYQVDSWEE, is from internal region 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,
Applications	Pep ELISA, WB, IF Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 140kDa band observed in Mouse fetal Kidney lysates (calculated MW of 159kDa according to NP_032983.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended
IHC	
Reference	Reference(s): Nagao K, Togawa N, Fujii K, Uchikawa H, Kohno Y, Yamada M, Miyashita T. Detecting tissue-specific alternative splicing and disease-associated aberrant splicing of the PTCH gene with exon junction microarrays. Hum Mol Genet. 2005 Nov 15;14(22):3379-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**