ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-PTCH (Internal) Antibody

Item Number	dAP-0891
Target Molecule	Principle Name: PTCH (Internal); Official Symbol: PTCH; All Names and Symbols: PTCH; patched homolog (Drosophila); RP11-435O5.3; BCNS; FLJ42602; HPE7; NBCCS; PTC; PTC1; PTCH1 ; PTCH protein +12b; PTCH protein +4'; PTCH protein -10; patched; patched (Drosophila) homolog ; Accession Number (s): NP_000255.2; NP_001077072.1; NP_001077071.1; NP_001077075.1; Human Gene ID(s): 5727; Non-Human GeneID(s):
Immunogen	HPESRHHPPSNPRQQ, is from internal region This antibody is expected to recognise all four reported isoforms (NP_000255.2; NP_001077072.1; NP_001077071.1; NP_001077075.1). Reported variants represent identical protein (NP_001077075.1;
Applications	Pep ELISA, WB Species Tested: Human
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; Reconsititute 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 150kDa band observed in Human Brain lysates (calculated MW of 153.9kDa according to NP_001077071.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
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):3379-88. Epub 2005 Oct 3. .PMID: 16203740 ->

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

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