

Rabbit PTCH1 Polyclonal Antibody | anti-PTCH1 antibody

Anti-PTCH1 Antibody

CATALOG # AAA72764	HOST Rabbit	REACTIVITY Mouse Expected Reactivity: Human, Chicken, Rat	APPLICATIONS Western Blot
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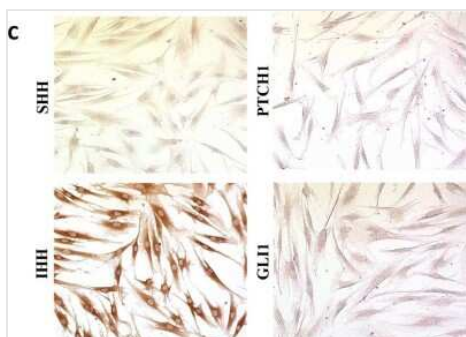
PRODUCT SYNONYMS

PTCH1; Polyclonal Antibody; Anti-PTCH1 Antibody; Patched; BCNS; Holoprosencephaly 7; HPE7; MES; NBCCS; PTCH protein; PTC; anti-PTCH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse Expected Reactivity: Human, Chicken, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Reacts with mouse PTCH protein. Expected to cross react with rat, chicken and human due to 100% sequence identity.
Form/Format	Liquid; Antigen Affinity Purified; PBS + 0.02% NaN ₃
Applicable Applications for anti-PTCH1 antibody	WB (Western Blot)
Immunogen Species	Mouse
Immunogen	Synthetic peptide corresponding to amino acids from mouse PTCH1 protein
Country of Origin	United States
Preparation and Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20 degree C or -80 degree C, while keeping a working aliquot stored at 4 degree C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year. After date of receipt, stable for at least 1 year at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of fibroblasts and oral squamous carcinoma cells showing specific immunolabeling of Patched 1/PTCH Antibody in upper right. Magnification: 400x. Image from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32899449/>) licensed under a CC-BY license.

ADDITIONAL INFORMATION

Related Product Information for anti-PTCH1 antibody	PTCH1 rabbit polyclonal primary antibody from the lab is produced in-house. It detects mouse PTCH1 and is antigen affinity purified. It is great for use in WB. Mutations of the human Patched tumor suppressor gene (PTCH) have been identified in individuals with the nevoid basal cell carcinoma syndrome (NBCCS) as well as in sporadic basal cell carcinomas and medulloblastomas.
Product Categories/Family for anti-PTCH1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679519
NCBI GeneID	19206
NCBI Accession #	NP_032983.1
NCBI GenBank Nucleotide #	NM_008957.3
UniProt Accession #	Q61115
Molecular Weight	159,273 Da
NCBI Official Full Name	protein patched homolog 1 isoform a
NCBI Official Synonym Full Names	patched 1
NCBI Official Symbol	Ptch1
NCBI Official Synonym Symbols	Ptc; mes; Ptc1; Ptch; A230106A15Rik
NCBI Protein Information	protein patched homolog 1
UniProt Protein Name	Protein patched homolog 1
UniProt Gene Name	Ptch1
UniProt Synonym Gene Names	Ptch; PTC; PTC1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptch1-antibody-western-blot-elisa/72764>