

Rabbit anti-Human, Mouse Patched Polyclonal Antibody | anti-Patched antibody

Patched Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303493	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

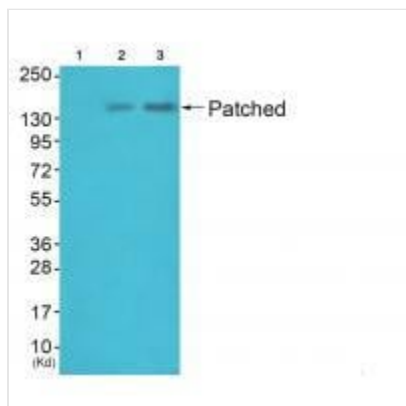
PRODUCT SYNONYMS

Patched; Polyclonal Antibody; Patched Antibody; DROSOPHILA HOMOLOG OF 1; patched homolog (Drosophila); anti-Patched antibody

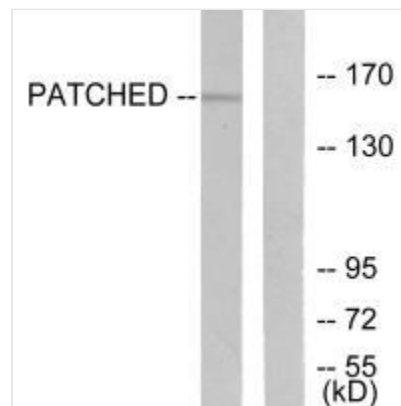
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Patched protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1447
Applicable Applications for anti-Patched antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Patched.
Target Name	Patched
Preparation and Storage	Store at -20 degree C

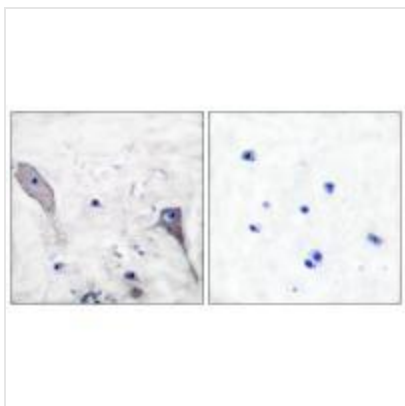
IMAGES


WB (Western Blot)

Western blot analysis of extracts from 3T3 cells (Lane 2) and HepG2 cells (Lane 3), using Patched antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from mouse muscle cells, using Patched antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain tissue using Patched antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Patched antibody	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. Trudy G. Oliver, Development, May 2005; 132: 2425 - 2439. Florence Brellier, Cancer Res., Apr 2004; 64: 2699 - 2704. Heidi Hahn, J. Biol. Chem., May 1996; 271: 12125. RL Johnson, Development, Dec 1995; 121: 4161.
Product Categories/Family for anti-Patched antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	134254446
NCBI GeneID	5727
NCBI Accession #	NP_000255.2
NCBI GenBank Nucleotide #	NM_000264.3
UniProt Accession #	Q13635; Q13463; Q5R1U7; Q5R1U9; Q5R1V0; Q5VZC0; Q5VZC2; Q86XG7; A3KBI9; E9PEJ8
Molecular Weight	144,356 Da
NCBI Official Full Name	protein patched homolog 1 isoform L
NCBI Official Synonym Full Names	patched 1
NCBI Official Symbol	PTCH1
NCBI Official Synonym Symbols	PTC; BCNS; HPE7; PTC1; PTCH; NBCCS; PTCH11
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
UniProt Entry Name	PTC1_HUMAN

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/patched-antibody-immunohistochemistry-western-blot-elisa/303493>