

Rabbit PTCH2 Polyclonal Antibody | anti-PTCH2 antibody

PTCH2 Antibody

CATALOG # AAA329116	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA
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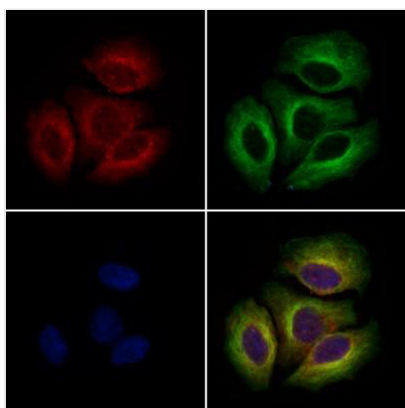
PRODUCT SYNONYMS

PTCH2; Polyclonal Antibody; PTCH2 Antibody; patched (Drosophila) homolog 2; patched homolog 2 (Drosophila); Protein patched homolog 2; PTC2; PTC2_HUMAN; Ptch2; anti-PTCH2 antibody

PRODUCT SPECIFICATIONS

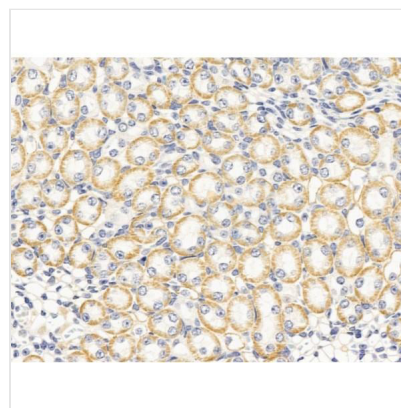
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PTCH2 Antibody detects endogenous levels of total PTCH2.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1203
Applicable Applications for anti-PTCH2 antibody	ELISA
Immunogen	A synthesized peptide derived from human PTCH2, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C.

IMAGES



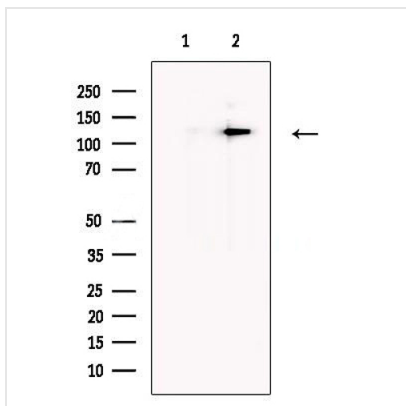
IF (Immunofluorescence)

AAA329116 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329116 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA329116 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using PTCH2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PTCH2 antibody	May have a role in epidermal development. May act as a receptor for Sonic hedgehog (SHH).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12643356
NCBI GeneID	8643
UniProt Accession #	Q9Y6C5
Molecular Weight	130kDa
NCBI Official Full Name	Protein patched homolog 2
NCBI Official Synonym Full Names	patched 2
NCBI Official Symbol	PTCH2
NCBI Official Synonym Symbols	PTC2
NCBI Protein Information	protein patched homolog 2
UniProt Protein Name	Protein patched homolog 2
UniProt Gene Name	PTCH2
UniProt Synonym Gene Names	PTC2
UniProt Entry Name	PTC2_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/ptch2-antibody-elisa/329116>