PTCH2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PTCH2, Polyclonal Antibody
Full Product Name	PTCH2 Antibody, Biotin conjugated
Product Gene Name	anti-PTCH2 antibody
Product Synonym Names	Protein patched homolog 2; PTC2; PTCH2; UNQ560/PRO1121/PRO57079
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PTCH2 (MBS7106373) Biotin Conjugated Antibody: PTCH2 (MBS7106376)
Molecular Weight	124,909 Da
OMIM	AF091501 mRNA
3D Structure	ModBase 3D Structure for Q9Y6C5
Immunogen	Recombinant Human Protein patched homolog 2 protein (793-951AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-PTCH2 antibody	Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PTCH2 antibody	ELISA (EIA)
Related Product Information for anti-PTCH2 antibody	May have a role in epidermal development. May act as a receptor for Sonic hedgehog (SHH).
Other Notes	Small volumes of anti-PTCH2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PTCH2 purchase	MBS7106376 is an antibody targeting PTCH2. Also known as PTCH2 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PTCH2. It may not necessarily be applicable to this product.

NCBI GI #	261823993
NCBI GeneID	8643
NCBI Accession #	NP_001159764.1
UniProt Primary Accession #	Q9Y6C5
UniProt Secondary Accession #	O95341; O95856; Q53Z57; Q5QP87; Q6UX14
UniProt Related Accession #	Q9Y6C5
GenBank Nucleotide #	NM_001166292.1
NCBI Official Full Name	protein patched homolog 2 isoform 2
NCBI Official Synonym Full Names	patched 2
NCBI Official Symbol	PTCH2
NCBI Official Synonym Symbols	PTC2
UniProt Protein Name	Protein patched homolog 2
UniProt Gene Name	PTCH2
UniProt Synonym Gene Names	PTC2
NCBI Protein Information	protein patched homolog 2
NCBI Summary for PTCH2	This gene encodes a transmembrane receptor of the patched gene family. The encoded protein may function as a tumor suppressor in the hedgehog signaling pathway. Alterations in this gene have been associated with nevoid basal cell carcinoma syndrome, basal cell carcinoma, medulloblastoma, and susceptibility to congenital macrostomia. Alternatively spliced transcript variants have been described.[provided by RefSeq, Oct 2009]
Research Articles on PTCH2	**1.** Frameshift mutation in the PTCH2 gene can cause nevoid basal cell carcinoma syndrome.
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