

ARG45122 anti-Dhh antibody [6A12]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody recognizes Dhh
Tested Reactivity	Ms
Tested Application	IHC-P
Host	Rat
Clonality	Monoclonal
Clone	6A12
Isotype	IgG2
Target Name	Dhh
Species	Mouse
Immunogen	Mouse recombinant dhh N-terminal fragment.
Conjugation	Un-conjugated
Alternate Names	DHH; Desert Hedgehog Signaling Molecule; HHG-3; Desert Hedgehog Protein; MGC35145; Desert Hedgehog (Drosophila) Homolog; Desert Hedgehog; EC 3.1.-.-; GDXYM; SRXY7; GDMN

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

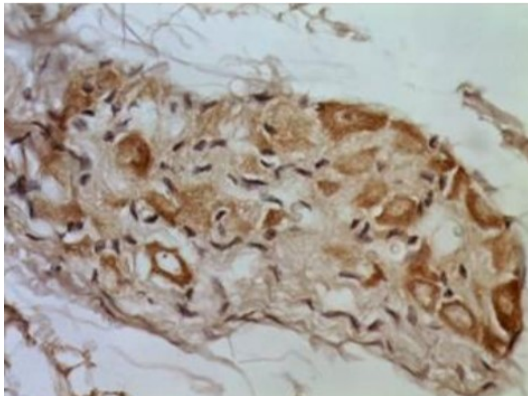
Form	Liquid
Purification	Protein G/A chromatography
Buffer	PBS
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DHH
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Gene Full Name	Desert Hedgehog Signaling Molecule
Background	This gene encodes a member of the hedgehog family. The hedgehog gene family encodes signaling molecules that play an important role in regulating morphogenesis. This protein is predicted to be made as a precursor that is autocatalytically cleaved; the N-terminal portion is soluble and contains the signalling activity while the C-terminal portion is involved in precursor processing. More importantly, the C-terminal product covalently attaches a cholesterol moiety to the N-terminal product, restricting the N-terminal product to the cell surface and preventing it from freely diffusing throughout the organism. Defects in this protein have been associated with partial gonadal dysgenesis (PGD) accompanied by minifascicular polyneuropathy. This protein may be involved in both male gonadal differentiation and perineurial development. [provided by RefSeq, May 2010]
Function	In Schwann cells, controls the development of the peripheral nerve sheath and the transition of mesenchymal cells to form the epithelium-like structure of the perineurial tube. [Uniprot]
Calculated Mw	44 kDa
Cellular Localization	Cell membrane; Endoplasmic reticulum; Golgi apparatus; Membrane; Secreted. [Uniprot]

Images



ARG45122 anti-Dhh antibody [6A12] IHC-P image

Immunohistochemistry: Mouse Kidney stained with ARG45122 anti-Dhh antibody [6A12] at 1:400 dilution.