anti-connexin 32

Cat #: HM1405
Goat polyclonal IgG
0.2 μg/μ, store at 4 °C

For research use only

BACKGROUND
The connexins are gap junction proteins which form hexamer to compose a connexon. Clusters of connexons form gap junctions which provide a route for the diffusion of materials of low molecular weight from cell to cell. Gap junctions play a variety of physiological functions. Many malignant cells exhibit decreased connexin expression and gap junction communication. There is a decrease in gap junctional communication in src-transformed cells. Mutations of the connexin 32 gene have been shown to be the cause of Charcot-Marie-Tooth disease, which is an inherited demyelinating neuropathy. Mutations in the connexin26 gene are a major cause of inherited and apparently sporadic congenital deafness.

SPECIFICITY
This antibody reacts with connexin 32 of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN
A peptide at the carboxyl terminus of human connexin 32.

STORAGE
This antibody is stable for 12 months when stored at 2-8oC.

REFERENCE
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