anti-connexin 32

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

For research use only

BACKGROUND
The connexins are gap junction proteins which form hexamers 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 connexin 26 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 2-8 oC.

REFERENCE

PRODUCTS FROM HYPROMATRIX, INC.

A. AntibodyArray™:
1. Signal Transduction AntibodyArray™
   Catalog Number HM3000
2. Apoptosis AntibodyArray™
   Catalog Number HM4000
3. Cell Cycle AntibodyArray™
   Catalog Number HM5000

B. Staining AntibodyArray™:
1. Staining AntibodyArray™ I
   Catalog Number HM8100
2. AntibodyArray Staining Apparatus
   Catalog Number HM8000

C. Antibodies
1. HRP-conjugated antibodies
   • anti-phosphotyrosine
     Catalog Number HM2040
   • anti-phosphoserine
     Catalog Number HM2070
   • anti-phosphothreonine
     Catalog Number HM2090
and more…

2. Primary antibodies
Hypromatrix offers a variety of high quality antibodies. For a complete list of antibodies and their specificities, please visit our web site at www.hypromatrix.com.

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