



**Polyclonal Anti- Connexin 32 (Sepharose Bead Conjugate)**

**Catalogue No.** PA1367-S

**Lot No.** 0131112086727

**Ig type:** rabbit IgG

**Size:** 100µg/vial

**Specificity**

Human, rat, mouse. No cross reactivity with other proteins.

**Recommended application**

*(Immunoprecipitation(IP))*

**Immunogen**

A synthetic peptide corresponding to a sequence at the middle region of human Connexin 32 (215-231aa), identical to the related mouse and rat sequence..

**Purification**

Immunogen affinity purified.

**Formulation**

50% slurry in PBS pH 7.2 with 0.01mg NaN<sub>3</sub> preservative.

**Storage**

Store at 4°C for frequent use.

**Description:**

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

**BACKGROUND**

Connexins are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells (Bergoffen et al., 1993). For a general discussion of connexin proteins, also known as Gap junction beta-1 protein. Gap junction beta-1 protein is a protein that in humans is encoded by the GJB1 gene. In melanocytic cells GJB1 gene expression may be regulated by MITF.

**REFERENCE**

1. Corcos IA, Lafreniere RG, Begy CR, Loch-Caruso R, Willard HF, Glover TW (Jul 1992). "Refined localization of human connexin32 gene locus, GJB1, to Xq13.1". Genomics 13 (2): 479–80.
2. Hoek KS, Schlegel NC, Eichhoff OM, et al. (2008). "Novel MITF targets identified using a two-step DNA microarray strategy". Pigment Cell Melanoma Res. 21 (6): 665–76.

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