



Polyclonal Anti-Connexin 26 (Magnetic Bead conjugate)

Catalogue No. PA1025 -M	Immunogen A peptide mapping at the middle region of rat Connexin 26, different from the relative sequence of human by three amino acids.
Lot No. 03A01	Purity Immunogen affinity purified.
Ig type: rabbit IgG	Contents Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN ₃ .
Size: 100µg/vial	Storage Store at 4°C for frequent use.
Specificity Human, mouse, rat. No cross reactivity with other proteins.	Description This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation
Recommended application Immunoprecipitation (IP)	

BACKGROUND

Connexin26(CX26), also known as GAP junction protein, beta2, GJB2. Gap junctions were first characterized by electron microscopy as regionally specialized structures on plasma membranes of contacting adherent cells. These structures were shown to consist of cell-to-cell channels. Proteins, called connexins, purified from fractions of enriched gap junctions from different tissues differ. The 3-prime untranslated region of the CX26 transcript contains a putative mRNA instability sequence. The deduced 226-amino acid protein has a calculated molecular mass of about 26 kD. CX26 shares 92.5% identity with rat Cx26. connexin 26 (GJB2) is assigned to human chromosome 13q11-q12 .Connexin 26 regulates epidermal barrier and wound remodeling and promotes psoriasiform response. Connexin 26 gene (GJB2) mutation modulates the severity of hearing loss associated with the 1555A-G mitochondrial mutation.

REFERENCE

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