

Connexin-26 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251846

Unit: 0.1 mg

Description:

Gap junction beta-2 protein (connexin-26) is a transmembrane channel that, together with other connexins, forms a gap junction. Gap junctions allow low MW materials to flow from one cell to a neighboring cell. Defects in connexin-26 are the cause of deafness autosomal recessive type 1A (DFNB1A). DFNB1A is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.

Isotype: Rabbit Ig

Applications: E, WB, ICC

Species Reactivity: H, M, R

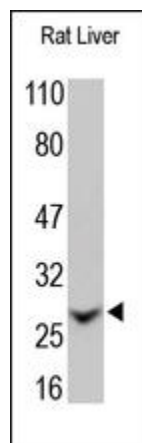
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 50% glycerol with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Connexin-26; Gap junction beta-2 protein; Cx26; GJB2

Accession No.: P21994

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of rat connexin-26.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500



The Connexin-26 Antibody is used in Western blot to detect connexin-26 in rat liver.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.