
Connexin-45 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250487

Unit: 0.1 mg

Description:

Connexin-45 (Cx45) is a component of the gap junction, which consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low molecular weight diffuse from one cell to a neighboring cell. A connexon is composed of a hexamer of connexins. Connexin-45 is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development. Mutations in Cx45 are associated with oculodentodigital dysplasia and heart malformations.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, P, D

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

Alternate Names: Gap junction gamma-1 protein; Gap junction alpha-7 protein; Connexin-45; Cx45; GJC1; GJA7

Accession No.: P36383

Antigen: KLH-conjugated synthetic peptide encompassing a sequence in the center region of human Connexin-45.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

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.