



anti-Connexin 43 Rabbit Polyclonal antibody

Catalog No.	EM51459-01	EM51459-02
Size	50µl	100µl

Species reactivity: Human Mouse Rat **Molecular Weight:** 43KD

Background: Cx43 an integral membrane protein of the connexin family, alpha-type (group II) subfamily. Hexamers of connexin-43 form connexons, which aggregate together to form gap junctions, through which materials of low MW diffuse from one cell to a neighboring cell. May play a critical role in the physiology of hearing by participating in the recycling of potassium to the cochlear endolymph.

All Names: connexin 43; Connexin-43; Cx43; CXA1;DFNB38; Gap junction 43 kDa heart protein;Gap junction alpha-1 protein; gap junction protein, alpha 1, 43kDa; gap junction protein, alpha-like; GJA1; GJAL; HSS; ODDD

Immunogen: A synthesized peptide derived from human Connexin 43.

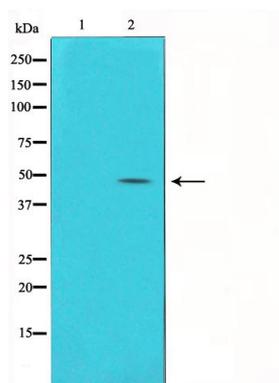
Purification: Affinity-chromatography

Application: WB 1:500-1:3000 IHC 1:50-1:200 IF 1:100-1:500
Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid ,1mg/ml

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 ° C. Stable for 12 months from date of receipt

Storage: Store at -20°C. Do not aliquot the antibody.



Western blot analysis on HuvEc cell lysate using Connexin 43 antibody, The lane on the left is treated with the antigen-specific peptide.