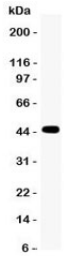
GJC1 Antibody / Connexin 45 (R31329)

Catalog No.	Formulation	Size
R31329	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P36383
Applications	Western blot: 0.5-1ug/ml
Limitations	This GJC1 antibody is available for research use only.



Western blot testing of GJC1 antibody and MCF-7 cell lysate. Expected/observed molecular weight ~45 kDa.

Description

Gap junction gamma-1 protein, also known as gap junction alpha-7 protein (GJA7) or Connexin 45 (Cx45), is a protein that in humans is encoded by the GJC1 gene. The International Radiation Hybrid Mapping Consortium mapped the gene to chromosome 17q21.31. This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the GJC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Connexin 45/GJC1 (KIAYKQNKANTAQEQ) was used as the immunogen for this GJC1 antibody.

Storage

After reconstitution, the GJC1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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