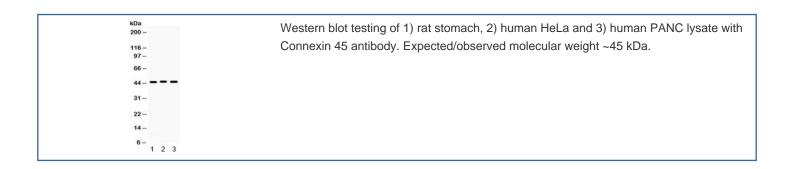


## Connexin 45 Antibody (R32083)

Catalog No.	Formulation	Size
R32083	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

#### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P36383
Applications	Western Blot : 0.1-0.5ug/ml
Limitations	This Connexin 45 antibody is available for research use only.



### **Description**

Gap junction gamma-1 protein (GJC1), 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 GJA7 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**

Optimal dilution of the Connexin 45 antibody should be determined by the researcher.

#### **Immunogen**

Amino acids ADLEALQREIRMAQERLDLAVQAYSHQNNP H of human Connexin 45/GJA7 were used as the immunogen for the Connexin 45 antibody.

# Storage

After reconstitution, the Connexin 45 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.