

Anti-Connexin 46 Antibody
Rabbit polyclonal antibody to Connexin 46
Catalog # AP60295**Specification**

Anti-Connexin 46 Antibody - Product Information

Application	WB
Primary Accession	Q9Y6H8
Other Accession	Q64448
Reactivity	Human, Mouse, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47410

Anti-Connexin 46 Antibody - Additional Information**Gene ID** 2700**Other Names**

Gap junction alpha-3 protein; Connexin-46; Cx46

Target/Specificity

Recognizes endogenous levels of Connexin 46 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Connexin 46 Antibody - Protein Information**Name** GJA3**Function**

Structural component of lens fiber gap junctions (PubMed: 30044662). Gap junctions are dodecameric channels that connect the cytoplasm of adjoining cells (By similarity). They are formed by the docking of two hexameric hemichannels, one from each cell membrane. Small molecules and ions diffuse from one cell to a neighboring cell via the central pore (PubMed: 30044662).

Cellular Location

Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9TU17}. Cell junction,

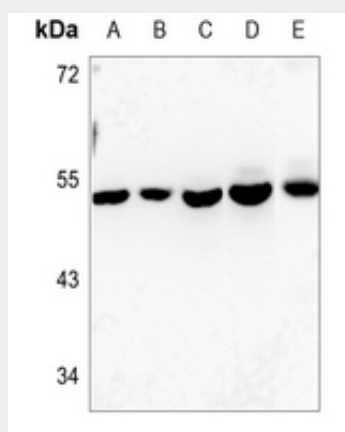
gap junction

Anti-Connexin 46 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Connexin 46 Antibody - Images



Western blot analysis of Connexin 46 expression in A549 (A), U2OS (B), DLD (C), mouse heart (D), rat heart (E) whole cell lysates.

Anti-Connexin 46 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Connexin 46. The exact sequence is proprietary.