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Connexin-26 Polyclonal Antibody
Catalog # AP63673

Specification

Connexin-26 Polyclonal Antibody - Product Information

Application	**IHC**
Primary Accession	P29033
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**

Connexin-26 Polyclonal Antibody - Additional Information

Gene ID 2706

Other Names
GJB2; Gap junction beta-2 protein; Connexin-26; Cx26

Dilution
IHC~~IHC 1:100-200

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Connexin-26 Polyclonal Antibody - Protein Information

Name GJB2

Function
Structural component of gap junctions (PubMed:16849369, PubMed:17551008, PubMed:19340074, PubMed:19384972, PubMed:21094651, PubMed:26753910). Gap junctions are dodecameric channels that connect the cytoplasm of adjoining cells. They are formed by the docking of two hexameric hemichannels, one from each cell membrane (PubMed:17551008, PubMed:19340074, PubMed:21094651, PubMed:26753910). Small molecules and ions diffuse from one cell to a neighboring cell via the central pore (PubMed:16849369, PubMed:19384972, PubMed:<a

href="http://www.uniprot.org/citations/21094651" target="_blank">21094651).

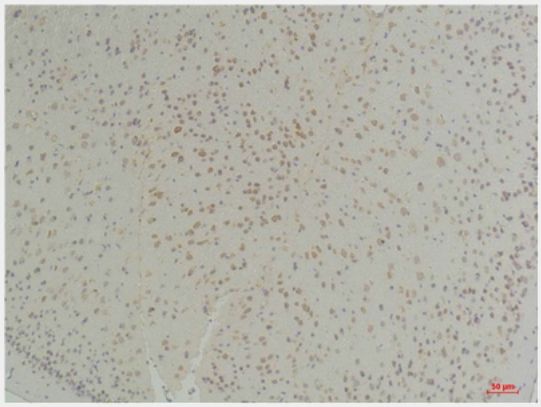
Cellular Location
Cell membrane; Multi-pass membrane protein. Cell junction, gap junction. Note=Colocalizes with GJB4 at gap junction plaques in the cochlea. {ECO:0000250|UniProtKB:Q00977}

Connexin-26 Polyclonal 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 Cytomety
- Cell Culture

Connexin-26 Polyclonal Antibody - Images



Connexin-26 Polyclonal Antibody - Background

One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.