

GJC3 / connexin 29 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3027a**Specification**

GJC3 / connexin 29 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q8NFK1
Other Accession	NP_853516.1 , 349149
Predicted	Human, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	31299

GJC3 / connexin 29 Antibody (internal region) - Additional Information**Gene ID** 349149**Other Names**

Gap junction gamma-3 protein, Connexin-30.2, Cx30.2, Connexin-31.3, Cx31.3, Gap junction epsilon-1 protein, GJC3, GJE1

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GJC3 / connexin 29 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GJC3 / connexin 29 Antibody (internal region) - Protein Information**Name** GJC3**Synonyms** GJE1**Function**

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.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell junction, gap junction

Tissue Location

CNS specific. Expression is restricted to brain, spinal cord, and sciatic nerve. According to PubMed:12881038, expression is abundant in skeletal muscle, liver, and heart, and to a minor degree in pancreas and kidney.

GJC3 / connexin 29 Antibody (internal region) - 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](#)

GJC3 / connexin 29 Antibody (internal region) - Images**GJC3 / connexin 29 Antibody (internal region) - References**

Human oligodendrocytes express Cx31.3: function and interactions with Cx32 mutants.
Sargiannidou I, Ahn M, Enriquez AD, Peinado A, Reynolds R, Abrams C, Scherer SS, Kleopa KA,
Neurobiology of disease 2008 May 30 (2): 221-33. PMID: 18353664