GJC3 polyclonal antibody

Catalog # PAB17262 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of GJC3.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human GJC3.
Sequence	C-LTSESTRRHKKATDS
Host	Goat
Theoretical MW (kDa)	31.3
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GJC3

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Entrez GeneID	349149
Protein Accession#	NP_853516.1
Gene Name	GJC3
Gene Alias	CX30.2, CX31.3, Cx29, GJE1
Gene Description	gap junction protein, gamma 3, 30.2kDa
Gene Ontology	Hyperlink
Gene Summary	Connexins, such as GJC3, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasms of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin subunits (Sohl et al., 2003 [PubMed 12881038]).[supplied by OMIM
Other Designations	connexin 29|connexin 30.2|connexin 31.3|gap junction protein, epsilon 1, 29kDa

Publication Reference

- 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 Feb; 30(2):221.

Disease

- Hearing Loss

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