

产品名称: Connexin 47 Rabbit Polyclonal Antibody
产品货号: APRab09235



产品概述 (Summary)

产品名称 (Production Name)	Connexin 47 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GJC2
别名 (Alternative Names)	GJC2; GJA12; Gap junction gamma-2 protein; Connexin-46.6; Cx46.6; Connexin-47; Cx47; Gap junction alpha-12 protein
基因 ID (Gene ID)	57165.0
蛋白 ID (SwissProt ID)	Q5T442. The antiserum was produced against synthesized peptide derived from human CXG2. AA range: 21-70

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	47kDa

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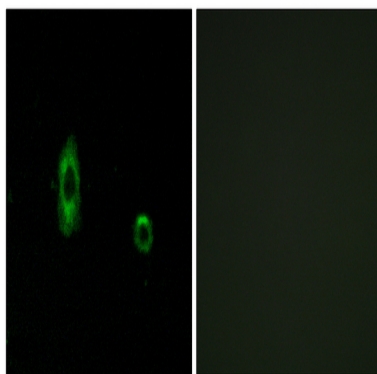


研究背景 (Background)

This gene encodes a gap junction protein. Gap junction proteins are members of a large family of homologous connexins and comprise 4 transmembrane, 2 extracellular, and 3 cytoplasmic domains. This gene plays a key role in central myelination and is involved in peripheral myelination in humans. Defects in this gene are the cause of autosomal recessive Pelizaeus-Merzbacher-like disease-1. [provided by RefSeq, Jul 2008],caution:It is uncertain whether Met-1 or Met-4 is the initiator.,disease:Defects in GJC2 are the cause of Leukodystrophy hypomyelinating type 2 (HLD2) [MIM:608804]; also known as Pelizaeus-Merzbacher-like disease autosomal recessive type 1. HLD2 is an autosomal recessive hypomyelinating leukodystrophy characterized by nystagmus, impaired motor development, ataxia, choreoathetotic movements, dysarthria and progressive spasticity.,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. May play a role in myelination in central and peripheral nervous systems.,similarity:Belongs to the connexin family. Gamma-type subfamily.,subunit:A connexon is composed of a hexamer of connexins. Interacts with TJP1.,tissue specificity:Expressed in central nervous system, in sciatic nerve and sural nerve. Also detected in skeletal muscles.,

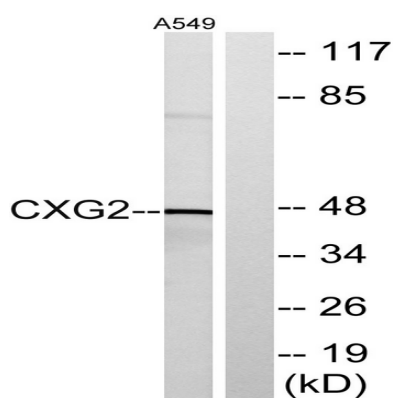
研究领域 (Research Area)

图片 (Image Data)

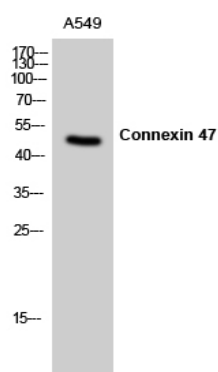


Immunofluorescence analysis of A549 cells, using CXG2 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from A549 cells, using CXG2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of A549 cells using Connexin 47 Polyclonal Antibody

注意事项 (Note)

For research use only .