

Connexin 47 rabbit pAb

Cat#: orb769749 (Manual)

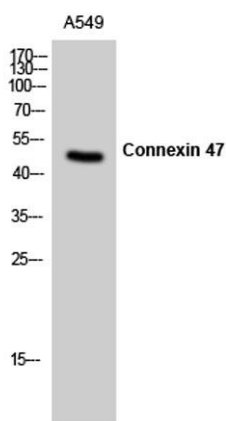
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Product Name	Connexin 47 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CXG2. AA range:21-70
Specificity	Connexin 47 Polyclonal Antibody detects endogenous levels of Connexin 47 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Gap junction gamma-2 protein
Gene Name	GJC2
Cellular localization	Cell membrane; Multi-pass membrane protein. Cell junction, gap junction.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

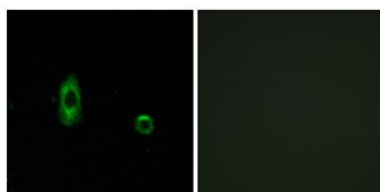
Concentration	1 mg/ml
Observed band	47kD
Human Gene ID	57165
Human Swiss-Prot Number	Q5T442
Alternative Names	GJC2; GJA12; Gap junction gamma-2 protein; Connexin-46.6; Cx46.6; Connexin-47; Cx47; Gap junction alpha-12 protein

Background

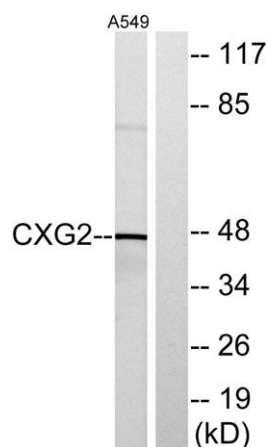
This gene encodes a gap junction protein. Gap junction proteins are members of a large family of homologous connexins and comprise 4 transmembrane, 2 extracellular, and 3 cytoplasmic domains. This gene plays a key role in central myelination and is involved in peripheral myelination in humans. Defects in this gene are the cause of autosomal recessive Pelizaeus-Merzbacher-like disease-1. [provided by RefSeq, Jul 2008],



Western Blot analysis of A549 cells using Connexin 47 Polyclonal Antibody



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



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