







Connexin 47 Monoclonal Antibody

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Reactivity Human;Rat;Mouse; Applications WB Gene Name GJC2 Protein Name Gap junction gamma-2 protein Immunogen The antiserum was produced against synthesized peptide derived from human CXG2. AA range;21-70 Specificity Connexin 47 Monoclonal Antibody detects endogenous levels of Connexin 47 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms GJC2; GJA12; Gap junction gamma-2 protein; Connexin-46.6; Cx46.6; Connexin-47; Cx47; Gap junction alpha-12 protein Observed Band 47kD Cell Pathway Cell membrane; Multi-pass membrane protein. Cell junction, gap junction. Tissue Specificity Expressed in central nervous system, in sciatic nerve and sural nerve. Also detected in skeletal muscles. Function GJC2 are the cause of Leukodystrophy hyponyvelinating type 2 (HLD2) (MIM:6080804); also known as Pelizacue-Merzbacher-like disease autosomal recessive type 1. HLD2 is an autosomal recessive hypomyvelinating type 2 (HLD2) (MIM:6080804); also known as Pelizacue-Merzbacher-like disease autosomal recessive type 1. HLD2 is an autosomal recessive hypomyvelinating to horeoathetolic movements, dysarthria and progressive spasticity, function:One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexon s, through which materials of low MW diffuse from one ce to a neighboring cell. May play a role in myellmation in central and peripheral nervous systems, similarity:Belongs to the connexin family. Gamma-type subfamily, subunitA connexon is composed of a hexamer of connexins. Interacts	Catalog No	YP-mAb-17006
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UpingBio technology Co.,Ltd





This gene encodes a gap junction protein. Gap junction proteins are members of a large family of homologous connexins and comprise 4 transmembrane, 2 **Background** 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],

matters needing attention

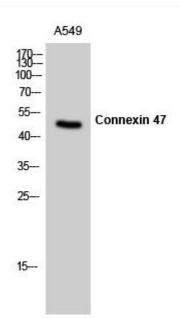
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For

more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Connexin 47 Monoclonal Antibody