

A2885

Leader in Biomolecular Solutions for Life Science



GJC2 Rabbit pAb

Catalog No.: A2885

Basic Information

Observed MW

47kDa

Calculated MW

47kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

57165

Swiss Prot

Q5T442

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 400-500 of human GJC2 (Q5T442).

Synonyms

Cx47; HLD2; GJA12; SPG44; CX46.6; LMPH1C; LMPHM3; PMLDAR; GJC2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

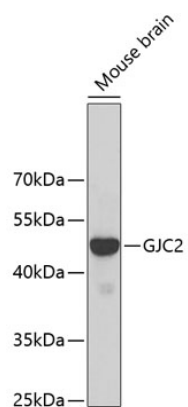
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from mouse brain, using GJC2 Rabbit pAb (A2885) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.