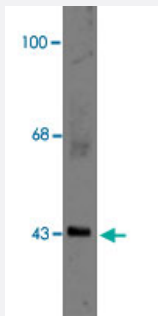


Gja1 polyclonal antibody

Catalog # PAB9631 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of rat cerebellar lysate showing specific immunolabeling of the ~43k Gja1 protein. Using Gja1 polyclonal antibody (Cat # PAB9631).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Gja1.
Immunogen	A synthetic peptide corresponding to C-terminus rat Gja1.
Host	Rabbit
Theoretical MW (kDa)	43
Reactivity	Chicken, Clawed frog, Dog, Human, Mouse, Primates, Rat, Sheep, Zebra fish
Form	Liquid
Purification	Affinity purification
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

Western blot of rat cerebellar lysate showing specific immunolabeling of the ~43k Gja1 protein. Using Gja1 polyclonal antibody (Cat # PAB9631).

Gene Info — Gja1

Entrez GeneID [24392](#)

Protein Accession# [P08050](#)

Gene Name Gja1

Gene Alias Cx43, MGC93610

Gene Description gap junction protein, alpha 1

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations connexin 43|gap junction membrane channel protein alpha 1

Publication Reference

- [Regulation of purified and reconstituted connexin 43 hemichannels by protein kinase C-mediated phosphorylation of Serine 368.](#)

Bao X, Reuss L, Altenberg GA.

The Journal of Biological Chemistry 2004 May; 279(19):20058.

Application: WB, Recombinant protein

- [Mechanism of regulation of the gap junction protein connexin 43 by protein kinase C-mediated phosphorylation.](#)

Bao X, Altenberg GA, Reuss L.

American Journal of Physiology. Cell Physiology 2004 Mar; 286(3):C647.

Application: IP, WB, Frog, Frog oocytes

- [Identification and functional analysis of novel phosphorylation sites in Cx43 in rat primary granulosa cells.](#)

Yogo K, Ogawa T, Akiyama M, Ishida N, Takeya T.

FEBS Letters 2002 Nov; 531(2):132.

Application: IF, WB-Tr, Human, Rat, HeLa, Rat primary granulosa cells