

Anti-Connexin 43 Antibody



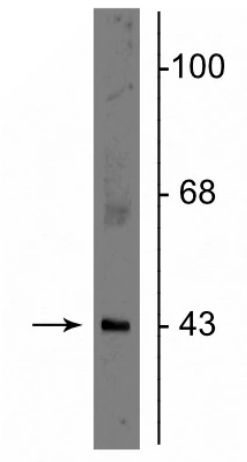
Pooled Serum

Product Details

Available Variants	100 µL (SKU:327-CON) 25 µL (SKU:327-CONT)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GJA1
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from rabbit serum by affinity purification on a column made with the C-terminal peptide used as antigen.
Applications	IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:200
Species Reactivity	Rat
Immunogen	Synthetic peptide corresponding to amino acid residues from the C-terminal region or rat connexin43, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~43 kDa connexin43 protein.
Molecular Weight	43 kDa
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

Antibody Registry ID	AB_2492063
UniProt ID	P08050
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Canine, Chicken, Human, Non-Human Primate, Mouse, Sheep, Xenopus, Zebrafish
NCBI Gene ID	24392

Product Images

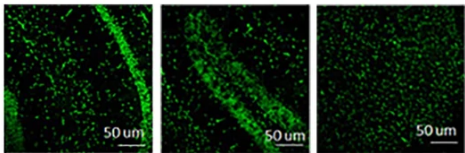


Western blot of rat cerebellar lysate showing specific immunolabeling of the ~43 kDa connexin43 protein.

CA1

DG

ACC



Immunolabeling on astroglial in the CA1 and DG mouse hippocampus, and anterior cingulate cortex (ACC) specifically labeling Connexin43 (Cat. 327-CON, green, 1:200). Image from publication. CC-BY-4.0 [PMID: 37239279](#)

Product Page URL: www.antibodiesinc.com/products/anti-connexin-43-antibody-327-con

