

# Product Datasheet

## Connexin 43/GJA1 [p Ser368] Antibody - Azide Free NB100-722

Unit Size: 0.1 ml

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

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**NB100-722**

Connexin 43/GJA1 [p Ser368] Antibody - Azide Free

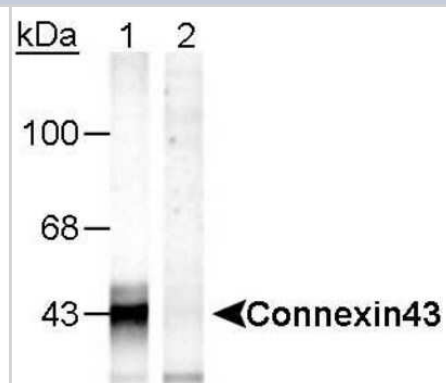
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	43 kDa

Product Description	
Description	Novus Biologicals Rabbit Connexin 43/GJA1 [p Ser368] Antibody - Azide Free (NB100-722) is a polyclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2697
Gene Symbol	GJA1
Species	Mouse, Rat
Marker	Gap Junctions Marker
Specificity/Sensitivity	Specific for endogenous levels of the ~43 kDa Connexin 43/GJA1 protein phosphorylated at Ser368. Immunolabeling is completely eliminated by treatment with lambda-phosphatase.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser368 conjugated to KLH. Accession # P08050

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000
Application Notes	This antibody has been tested in Western blot on rat brain hippocampal lysate, detecting a band ~43 kDa.

**Images**

Western Blot: Connexin 43/GJA1 [p Ser368] Antibody [NB100-722] - rat hippocampal lysate showing specific immunolabeling of the ~43k connexin43 phosphorylated at Ser368 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase). The blot is identical to the control except that it was incubated (1200 units for 30 min) before being exposed to the phospho-Ser368 connexin43 antibody. The immunolabeling of connexin43 is completely eliminated by treatment.





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### Products Related to NB100-722

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NBL1-11086	Connexin 43/GJA1 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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