

Product Datasheet

Connexin 43/GJA1 Antibody

NBP1-51938

Unit Size: 0.1 mg

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

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Publications: 2

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NBP1-51938

Connexin 43/GJA1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Connexin 43/GJA1 Antibody (NBP1-51938) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Connexin 43/GJA1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2697
Gene Symbol	GJA1
Species	Rat
Marker	Gap Junctions Marker
Immunogen	Peptide with sequence C-QPFDFPDDNQNSKK corresponding to internal region according to NP_000156.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 40 kDa band observed in rat brain lysates (calculated MW of 43.0 kDa band according to human NP_000156.1 and to rat NP_036699.1).

Images

Western Blot: Connexin 43/GJA1 Antibody [NBP1-51938] - NBP1-51938 (0.3ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Fossey MPM, Balthazaar SJT, Squair JW et al. Spinal cord injury impairs cardiac function due to impaired bulbospinal sympathetic control Nature communications 2022-03-16 [PMID: 35296681] (ICC/IF, Rat)

de la Parra DR, Zenteno JC. A new GJA1 (connexin 43) mutation causing oculodentodigital dysplasia associated to uncommon features. Ophthalmic Genet 2007-12-01 [PMID: 18161618]





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Products Related to NBP1-51938

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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