

Rabbit Connexin 43 Polyclonal Antibody | anti-GJA1 antibody

Connexin 43 (phospho Ser368) Polyclonal Antibody

CATALOG # AAA293879	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Connexin 43; Polyclonal Antibody; Connexin 43 (phospho Ser368) Polyclonal Antibody; GJA1; GJAL; Gap junction alpha-1 protein; Connexin-43; Cx43; Gap junction 43 kDa heart protein; anti-GJA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-GJA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.
Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-GJA1 antibody	Gap junction protein that acts as a regulator of bladder capacity. A gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. May play a critical role in the physiology of hearing by participating in the recycling of potassium to the cochlear endolymph. Negative regulator of bladder functional capacity: acts by enhancing intercellular electrical and chemical transmission, thus sensitizing bladder muscles to cholinergic neural stimuli and causing them to contract (By similarity). May play a role in cell growth inhibition through the regulation of NOV expression and localization. Plays an essential role in gap junction communication in the ventricles (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504001
NCBI GeneID	2697
NCBI Accession #	NP_000156.1
NCBI GenBank Nucleotide #	NM_000165.3
UniProt Accession #	P17302; Q6FHU1; Q9Y5I8; B2R5U9

Molecular Weight	43,008 Da
NCBI Official Full Name	gap junction alpha-1 protein
NCBI Official Synonym Full Names	gap junction protein, alpha 1, 43kDa
NCBI Official Symbol	GJA1
NCBI Official Synonym Symbols	HSS; CX43; GJAL; ODDD; AVSD3; HLHS1; DFNB38
NCBI Protein Information	gap junction alpha-1 protein; connexin 43; connexin-43; gap junction 43 kDa heart protein
UniProt Protein Name	Gap junction alpha-1 protein
UniProt Gene Name	GJA1
UniProt Synonym Gene Names	GJAL; Cx43
UniProt Entry Name	CXA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/connexin-43-antibody-immunohistochemistry-western-blot-elisa/293879>