

Connexin 43 Antibody | anti-GJA1 antibody

Connexin 43 (Ab-367) Antibody

CATALOG # AAA110883	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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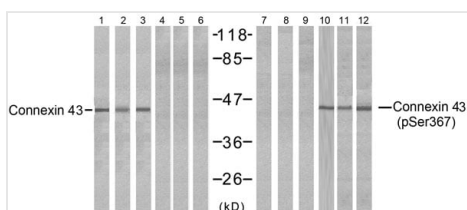
PRODUCT SYNONYMS

Connexin 43; Connexin 43 (Ab-367) Antibody; anti-GJA1 antibody

PRODUCT SPECIFICATIONS

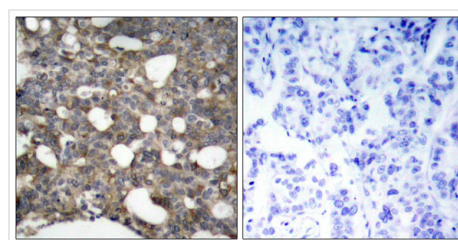
Reactivity	Human, Mouse, Rat
Specificity	Connexin43 (Ab-367) antibody detects endogenous levels of total Connexin43 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	382
Applicable Applications for anti-GJA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Connexin43 around the phosphorylation site of serine 367 (R-A-SP-S-R).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa (Line 1, 4, 7 and 10), K562 (Line 2, 5, 8 and 11) and 293 (Line 3, 6, 9 and 12) cells, untreated or treated with PMA (1 μ M 30min), using Connexin43 (Ab-367) antibody and Connexin43 (phospho-Ser367) antibody.



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using Connexin43 (Ab-367) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GJA1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Joell L. Solan1, et al. (2003) Cell Science 116: 2203-2211 Satoshi Matsushita, et al. (2006) Histochemistry and Cytochemistry 54 (3): 343-353, Xiaoyong Bao, et al. (2004) Cell Physiol 286: C647-C654 W. E. I. Li, et al.(1998) European Journal of Neuroscience 10: 2444.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504001
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NCBI GeneID	2697
NCBI Accession #	NP_000156.1
NCBI GenBank Nucleotide #	NM_000165.4
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
NCBI Official Symbol	GJA1
NCBI Official Synonym Symbols	HSS; CMDR; CX43; EKVP; GJAL; ODDD; AVSD3; EKVP3; HLHS1; PPKCA
NCBI Protein Information	gap junction alpha-1 protein
UniProt Protein Name	Gap junction alpha-1 protein
UniProt Gene Name	GJA1
UniProt Synonym Gene Names	GJAL; Cx43

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://www.aaabiotech.com/human-mouse-rat-antibody/connexin-43/110883>