

Rabbit Connexin 43 Polyclonal Antibody | anti-CX43 antibody

Connexin 43 (Phospho-Ser367) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316477	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

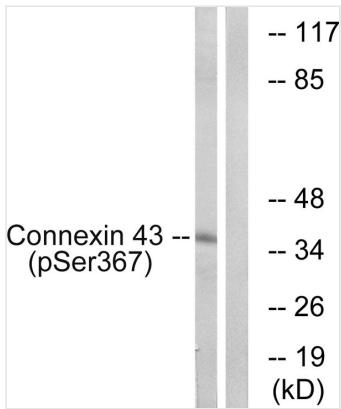
PRODUCT SYNONYMS

Connexin 43; Polyclonal Antibody; Connexin 43 (Phospho-Ser367) Antibody; CXA1; CXN-43; Gap junction 43 kDa heart protein; Gap junction alpha-1 protein; GJA1; anti-CX43 antibody

PRODUCT SPECIFICATIONS

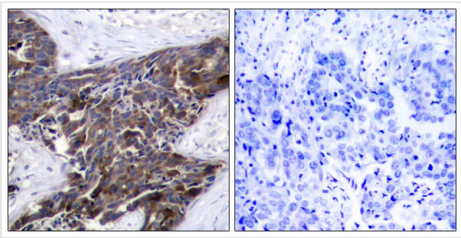
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Connexin 43 (Phospho-Ser367) Antibody detects endogenous levels of Connexin 43 only when phosphorylated at Ser367.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	382
Applicable Applications for anti-CX43 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S367; M:S367; R:S367
Immunogen	The antiserum was produced against synthesized peptide derived from human Connexin 43 around the phosphorylation site of Ser367.
Immunogen Range	332-381
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from K562 cells treated with PMA 200ng/ml 10', using Connexin 43 (Phospho-Ser367) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Connexin 43 (Phospho-Ser367) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504001
NCBI GeneID	2697
NCBI Accession #	NP_000156.1
NCBI GenBank Nucleotide #	NM_000165.4
UniProt Accession #	P17302; Q6FHU1; Q9Y5I8; B2R5U9
Molecular Weight	43 kDa
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.