Rabbit Connexin 43 Polyclonal Antibody | anti-CX43 antibody

Connexin 43 antibody

CATALOG #	HOST	APPLICATIONS
AAA224846	**Rabbit**	**Western Blot, Immunohistochemistry**

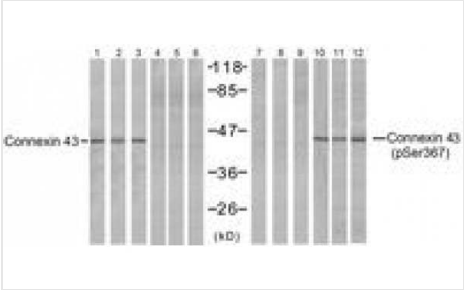
PRODUCT SYNONYMS

Connexin 43; Polyclonal Antibody; Connexin 43 antibody; Rabbit polyclonal Connexin 43 antibody; Polyclonal Connexin 43 antibody; Anti-Connexin 43 antibody; Phospho Ser367 antibody; GJA1 antibody; Connexin-43; Gap Junction Protein alpha 1 antibody; CX43 antibody; Connexin-43 antibody; anti-CX43 antibody

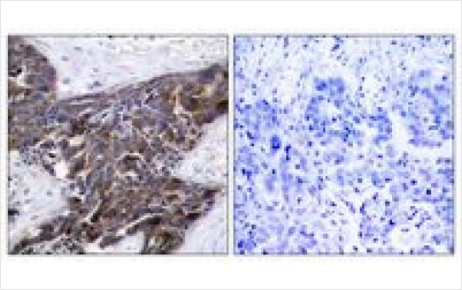
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl,0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	125
Applicable Applications for anti-CX43 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Connexin 43 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 367 (R-A-S(p)-S-R) derived from Human Connexin 43 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at-20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western Blot analysis of extracts from 293 cells untreated or treated with PMA using Connexin 43 (Phospho-Ser367) antibody



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Connexin 43 (Phospho-Ser367) antibody (left) or the same antibody preincubated with with blocking peptide (right

ADDITIONAL INFORMATION

Related Product Information for anti-CX43 antibody	Connexin 43 is a member of the connexin family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. The encoded protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development.
Product Categories/Family for anti-CX43 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	12055391
NCBI GeneID	100518636
UniProt Accession #	Q9GJX4; Q29101
Molecular Weight	13,898 Da
NCBI Official Full Name	connexin 43, partial
NCBI Official Symbol	GJA1
NCBI Official Synonym Symbols	CX43
NCBI Protein Information	gap junction alpha-1 protein
UniProt Protein Name	Connexin 43
UniProt Gene Name	**connexin 43**

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-western-blot-immunohistochemistry-elisa/224846