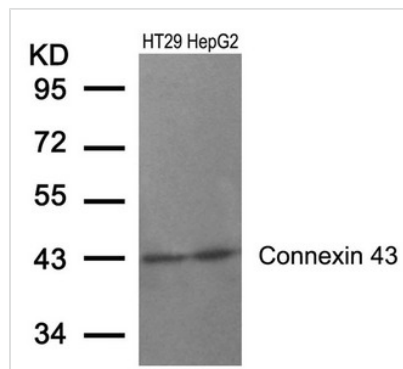


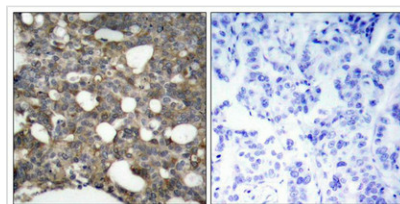


GJA1 (Ab-367) Antibody

Product Code	CSB-PA870043
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P17302
Immunogen	Peptide sequence around aa. 365~369 (R-A-S-S-R) derived from Human Connexin 43.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total Connexin43 protein.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:1000,IHC:1:50-1:200
Relevance	One 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. 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
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	CX43; CXA1; CXN-43; Connexin 43; GJA1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	GJA1
Image	



Western blot analysis of extracts from HT29 and HepG2 cells using Connexin 43(Ab-367) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Connexin 43(Ab-367) Antibody (left) or the same antibody preincubated with blocking peptide (right).