ELK Biotechnology

Connexin-32 rabbit pAb

Cat No.:ES5536

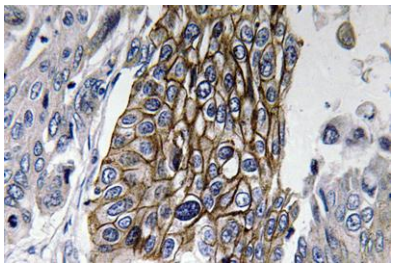
For research use only

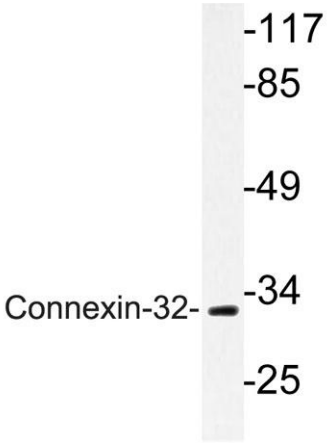
Overview

Product Name	Connexin-32 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Connexin-32. AA range:66-115
Specificity	Connexin-32 Polyclonal Antibody detects endogenous levels of Connexin-32 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Gap junction beta-1 protein
Gene Name	GJB1
Cellular localization	Cell membrane; Multi-pass membrane protein. Cell junction, gap junction.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	32kD
Human Gene ID	2705
Human Swiss-Prot Number	P08034
Alternative Names	GJB1; CX32; Gap junction beta-1 protein; Connexin-32; Cx32; GAP junction 28 kDa liver protein
Background	This gene encodes a member of the gap junction protein family. The gap junction proteins are membrane-spanning proteins that assemble to form

gap junction channels that facilitate the transfer of ions and small molecules between cells. According to sequence similarities at the nucleotide and amino acid levels, the gap junction proteins are divided into two categories, alpha and beta. Mutations in this gene cause X-linked Charcot-Marie-Tooth disease, an inherited peripheral neuropathy. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2008],

Immunohistochemistry analysis of Connexin-32 antibody in paraffin-embedded human lung carcinoma tissue.





Western blot analysis of lysate from LOVO cells, using Connexin-32 antibody.

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