



Connexin-45 rabbit pAb

Cat No.:ES4417

For research use only

Overview

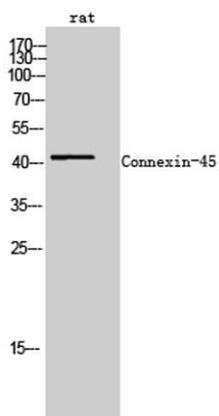
Product Name	Connexin-45 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Connexin-45. AA range:312-361
Specificity	Connexin-45 Polyclonal Antibody detects endogenous levels of Connexin-45 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 gamma-1 protein
Gene Name	GJC1
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	45kD
Human Gene ID	10052
Human Swiss-Prot Number	P36383
Alternative Names	GJC1; GJA7; Gap junction gamma-1 protein; Connexin-45; Cx45; Gap junction alpha-7 protein
Background	This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the



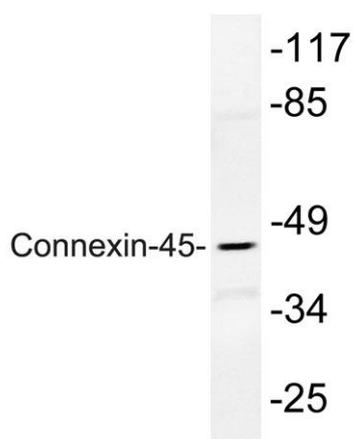
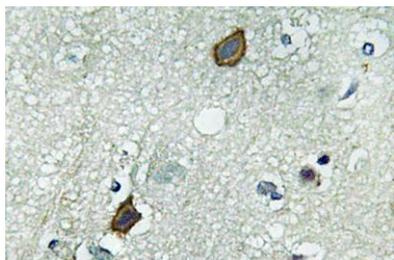


diffusion of low molecular weight materials from cell to cell. Alternatively spliced transcript variants encoding the same isoform have been described. [provided by RefSeq, Jul 2008],

Western Blot analysis of rat cells using Connexin-45 Polyclonal Antibody



Immunohistochemistry analysis of Connexin-45 antibody in paraffin-embedded human brain tissue.



Western blot analysis of lysate from rat heart, using Connexin-45 antibody.

