



Anti-GJA4 (aa 265-280) polyclonal antibody (DPAB-DC1226)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	gap junction protein that mediates cell-cell communication; may mediate hyperexcitability following nerve injury [RGD, Feb 2006]
Specificity	Western blotting of cell membranes of COS cells transiently transfected with cDNA encoding Connexin-37 shows two bands of molecular weight 36 and 37 KDa which are abolished by preincubation with the immunising peptide. No such bands are detected in western
Immunogen	A synthetic peptide (conjugated diphtheria toxoid) corresponding to amino acids 265-280 of rat Gja4. The sequence is YLPMGEGPSSPPCPTY
Source/Host	Sheep
Species Reactivity	Mouse, Rat
Conjugate	Unconjugated
Applications	WB, IF,
Format	Lyophilized
Size	100 µl
Buffer	Lyophilized from PBS
Preservative	None
Storage	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Gja4 gap junction protein, alpha 4 [Rattus norvegicus (Norway rat)]
Official Symbol	GJA4
Synonyms	GJA4; gap junction protein, alpha 4; CXN37; gap junction alpha-4 protein; cx37; connexin-37; gap junction membrane channel protein alpha 4; Gap junction membrane channel, protein alpha 4 (connexin 37);
Entrez Gene ID	25655
Protein Refseq	NP_067686
UniProt ID	Q03190
Chromosome Location	5q36
Pathway	Calcium Regulation in the Cardiac Cell;
