

Gja5 polyclonal antibody

Catalog # PAB0764

Size 100 uL

Specification

Product Description	Sheep polyclonal antibody raised against synthetic peptide of Gja5.
Immunogen	A synthetic peptide (conjugated diphtheria toxoid) corresponding to amino acids 253-269 of rat Gja5.
Sequence	SLVQGLTPPDFNQCLK
Host	Sheep
Theoretical MW (kDa)	38, 40
Reactivity	Rat
Specificity	Western blotting of cell membranes of COS cells transiently transfected with cDNA encoding Connexin-40 shows two bands of molecular weight 38 and 40 KDa which are abolished by preincubation with the immunising peptide. No such bands are detected in western blots of membranes from non-transfected cells or cells transfected with cDNA encoding Connexin-37, Connexin-43 or Connexin-45.
Form	Lyophilized
Recommend Usage	Immunofluorescence (1:10000-1:50000) Western Blot (1:10000-1:50000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunofluorescence

Gene Info — Gja5

Entrez GeneID	50563
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Protein Accession#	P28234
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Gene Name	Gja5
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Gene Alias	Cx40
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Gene Description	gap junction protein, alpha 5
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Gene Ontology	Hyperlink
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Gene Summary	O
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Other Designations	connexin 40 gap junction membrane channel protein alpha 5
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