



Anti-GJA5 polyclonal antibody (DPABH-03542)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 300 to the C-terminus of Human Connexin 40/ GJA5.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	GJA5 gap junction protein, alpha 5, 41kDa [Homo sapiens]
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Official Symbol	GJA5
Synonyms	GJA5; gap junction protein, alpha 5, 40kDa; CX40; ATFB11; gap junction alpha-5 protein; connexin 40; gap junction protein alpha 5 40kDa;
Entrez Gene ID	2702
Protein Refseq	NP_005257.2
UniProt ID	P36382
Pathway	Calcium Regulation in the Cardiac Cell; Gap junction trafficking; Membrane Trafficking;
Function	connexin binding; gap junction channel activity involved in AV node cell-bundle of His cell electrical coupling; gap junction channel activity involved in cardiac conduction electrical coupling; gap junction channel activity involved in cardiac conduction electrical coupling
