



Anti-GJA5 polyclonal antibody (DPABH-03542)

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

PRODUCT INFORMATION

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| 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 |