



## Anti-GJD2 (aa 146-195) polyclonal antibody (DPABH-16164)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	This antibody is specific for Connexin 36 / GJA9
<b>Immunogen</b>	A region within synthetic peptide: QNAIVNGVLQ NTENTSKETE PDCLEVKELT PHPSGLRTAS KSKLRRQEGI, corresponding to internal sequence amino acids 146-195 of Human Connexin 36/ GJA9
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Constituents: 2% Sucrose, PBS
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

<b>Gene Name</b>	<a href="#">GJD2 gap junction protein, delta 2, 37kDa [ Homo sapiens ]</a>
<b>Official Symbol</b>	GJD2
<b>Synonyms</b>	GJD2; gap junction protein, delta 2, 36kDa; CX36; GJA9; gap junction delta-2 protein; connexin 36; connexin-36; gap junction alpha-9 protein;
<b>Entrez Gene ID</b>	<a href="#">57369</a>
<b>Protein Refseq</b>	<a href="#">NP_065711.1</a>
<b>UniProt ID</b>	<a href="#">Q9UUKL4</a>
<b>Pathway</b>	Calcium Regulation in the Cardiac Cell; Gap junction; Gap junction assembly; Gap junction trafficking and regulation
<b>Function</b>	gap junction channel activity;