



# Anti-GJB2 (internal region) polyclonal antibody (DPAB-DC1835)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	forms gap junctions; may play a role in epididymal development [RGD, Feb 2006]
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of rat Gjb2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate),
<b>Format</b>	Liquid
<b>Concentration</b>	200 ug/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In 1.2% sodium acetate (5% BSA, 0.01% sodium azide)
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Gjb2 gap junction protein, beta 2 [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	GJB2
<b>Synonyms</b>	GJB2; gap junction protein, beta 2; Cx26; CXN-26; gap junction beta-2 protein; connexin 26; connexin-26; gap junction channel protein connexin 26; gap junction membrane channel protein beta 2;
<b>Entrez Gene ID</b>	<a href="#">394266</a>
<b>Protein Refseq</b>	<a href="#">NP_001004099</a>
<b>UniProt ID</b>	<a href="#">P21994</a>
<b>Chromosome Location</b>	15p12
<b>Pathway</b>	Calcium Regulation in the Cardiac Cell; Gap junction trafficking; Membrane Trafficking; Transport of connexins along the secretory pathway
<b>Function</b>	gap junction channel activity; protein binding;