



# Rabbit Anti-Rat GJA1 polyclonal antibody (CABT-L1760)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rabbit, Rat
<b>Target</b>	GJA1
<b>Immunogen</b>	Synthetic peptide derived from a segment of the 3rd cytoplasmic domain of rat connexin-43.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunoaffinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, WB
<b>Molecular Weight</b>	43 kDa
<b>Cellular Localization</b>	Cytoplasm, Membrane
<b>Positive Control</b>	Heart
<b>Format</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, pH 7.6
<b>Preservative</b>	< 0.1% Sodium Azide
<b>Storage</b>	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

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## BACKGROUND

### Introduction

The connexins are a group of gap junction proteins which form a hexamer to compose a connexon. Clusters of connexons form a gap junction through which low molecular weight proteins may diffuse from cell to cell. Connexins are also thought to be essential for the development of labor contractions.

### Keywords

GJA1;gap junction protein, alpha 1, 43kDa;HSS;CMDR;CX43;GJAL;ODDD;AVSD3;HLHS1;DFNB38;gap junction alpha-1 protein;connexin 43;connexin-43;gap junction 43 kDa heart protein

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## GENE INFORMATION

### Entrez Gene ID

[2697](#)

### UniProt ID

[P08050](#)

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