

Product datasheet for **TA303171**

Gjb2 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:128,000. WB: 0.01-0.03µg/ml.
Reactivity:	Mouse (Expected from sequence similarity: Human, Rat)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence YLLIRYCSGKSKKP, from the C Terminus of the protein sequence according to NP_003995.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	gap junction protein, beta 2
Database Link:	NP_032151 Entrez Gene 2706 Human Entrez Gene 394266 Rat Entrez Gene 14619 Mouse Q00977



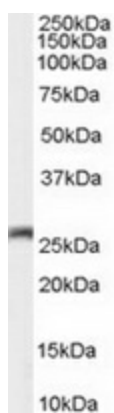
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Background:

This gene encodes a member of the gap junction protein family. The gap junctions were first characterized by electron microscopy as regionally specialized structures on plasma membranes of contacting adherent cells. These structures were shown to consist of cell-to-cell channels that facilitate the transfer of ions and small molecules between cells. The gap junction proteins, also known as connexins, purified from fractions of enriched gap junctions from different tissues differ. According to sequence similarities at the nucleotide and amino acid levels, the gap junction proteins are divided into two categories, alpha and beta. Mutations in this gene are responsible for as much as 50% of pre-lingual, recessive deafness. [provided by RefSeq]

Synonyms:

Connexin-26; CX26; DFNA3; DFNA3A; DFNB1; DFNB1A; HID; KID; NSRD1; OTTHUMP00000018094; PPK

Product images:

TA303171 (0.01ug/ml) staining of Mouse Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.