

## Rabbit anti-Human, Mouse GJB2 Polyclonal Antibody | anti-GJB2 antibody

GJB2 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                  |
|-----------|--------|--------------|---------------------------------------------------------------|
| AAA232506 | Rabbit | Human, Mouse | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

GJB2; Polyclonal Antibody; GJB2 Antibody; Gap junction beta-2 protein; Connexin-26; Cx26; anti-GJB2 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | >95%, Protein G purified                                                                                       |
| Form/Format                                    | Liquid                                                                                                         |
| Sequence Length                                | 226                                                                                                            |
| Applicable Applications for anti-GJB2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                  |
| Immunogen                                      | Recombinant human Gap junction beta-2 protein (99-131AA)                                                       |
| Preservative                                   | 0.03% Proclin 300                                                                                              |
| Constituents                                   | 50% Glycerol, 0.01M PBS, PH 7.4                                                                                |
| Conjugation                                    | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7261 / sc-130729                       |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



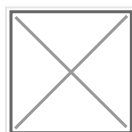
#### IHC (Immunohistochemistry)

Immunofluorescent analysis of MCF-7 cells using AAA232506 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA232506 at dilution of 1:100



#### WB (Western Blot)

Western BlotPositive WB detected in:Mouse liver tissueAll lanes: GJB2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 27 kDaObserved band size: 27 kDa

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GJB2 antibody | 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. |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 42558283                                                                               |
| NCBI GeneID                      | 2706                                                                                   |
| NCBI Accession #                 | NP_003995.2                                                                            |
| NCBI GenBank Nucleotide #        | NM_004004.5                                                                            |
| UniProt Accession #              | P29033; Q508A5; Q508A6; Q5YLL0; Q5YLL1; Q5YLL4; Q6IPV5; Q86U88; Q96AK0; Q9H536; Q9NNY4 |
| Molecular Weight                 | 26,215 Da                                                                              |
| NCBI Official Full Name          | gap junction beta-2 protein                                                            |
| NCBI Official Synonym Full Names | gap junction protein beta 2                                                            |
| NCBI Official Symbol             | GJB2                                                                                   |
| NCBI Official Synonym Symbols    | HID; KID; PPK; CX26; DFNA3; DFNB1; NSRD1; DFNA3A; DFNB1A                               |
| NCBI Protein Information         | gap junction beta-2 protein                                                            |
| UniProt Protein Name             | Gap junction beta-2 protein                                                            |
| UniProt Gene Name                | GJB2                                                                                   |
| UniProt Synonym Gene Names       | Cx26                                                                                   |
| UniProt Entry Name               | CXB2_HUMAN                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gjb2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232506>