

## Rabbit GJA8 Polyclonal Antibody | anti-GJA8 antibody

GJA8 Antibody

|                               |                       |                                        |                                                                                      |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA232504</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|

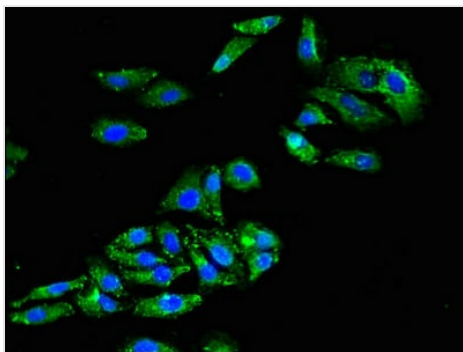
### PRODUCT SYNONYMS

GJA8; Polyclonal Antibody; GJA8 Antibody; Gap junction alpha-8 protein; Connexin-50; Cx50; Lens fiber protein MP70; anti-GJA8 antibody

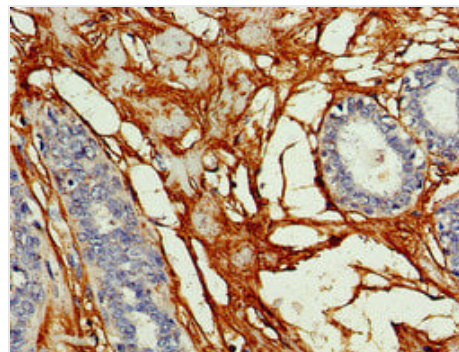
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | >95%, Protein G purified                                                                                       |
| Form/Format                                    | Liquid                                                                                                         |
| Sequence Length                                | 433                                                                                                            |
| Applicable Applications for anti-GJA8 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                  |
| Immunogen                                      | Recombinant Human Gap junction alpha-8 protein protein (286-432AA)                                             |
| 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-20875 / sc-20876 / sc-50432            |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

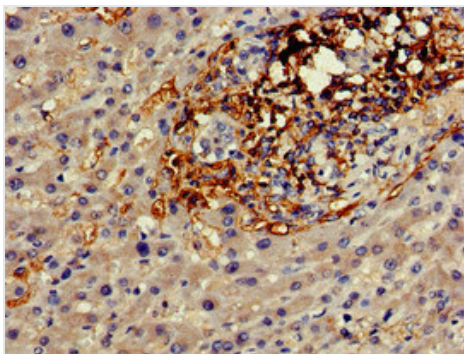
### IMAGES


**IF (Immunofluorescence)**

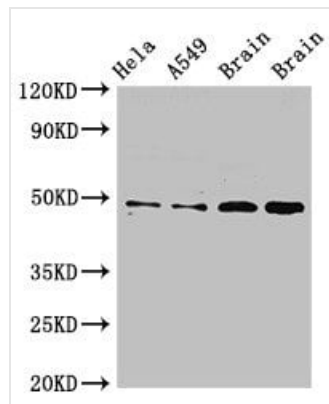
Immunofluorescent analysis of HepG2 cells using AAA232504 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human breast cancer using AAA232504 at dilution of 1:100



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human liver cancer using AAA232504 at dilution of 1:100



**WB (Western Blot)**  
Western BlotPositive WB detected in: HeLa whole cell lysate,A549 whole cell lysate,Rat brain tissue,Mouse brain tissueAll lanes: GJA8 antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 49 KDaObserved band size: 49 KDa

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                         |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-GJA8 antibody</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. |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| <b>NCBI GI #</b>                        | 55953076                            |
| <b>NCBI GeneID</b>                      | 2703                                |
| <b>NCBI Accession #</b>                 | NP_005258.2                         |
| <b>NCBI GenBank Nucleotide #</b>        | NM_005267.4                         |
| <b>UniProt Accession #</b>              | P48165; Q5VVN9; Q9NP25; A7L5M5      |
| <b>Molecular Weight</b>                 | 48,229 Da                           |
| <b>NCBI Official Full Name</b>          | gap junction alpha-8 protein        |
| <b>NCBI Official Synonym Full Names</b> | gap junction protein alpha 8        |
| <b>NCBI Official Symbol</b>             | GJA8                                |
| <b>NCBI Official Synonym Symbols</b>    | CAE; CAE1; CX50; CZP1; MP70; CTRCT1 |
| <b>NCBI Protein Information</b>         | gap junction alpha-8 protein        |
| <b>UniProt Protein Name</b>             | Gap junction alpha-8 protein        |
| <b>UniProt Gene Name</b>                | <b>GJA8</b>                         |
| <b>UniProt Synonym Gene Names</b>       | Cx50                                |
| <b>UniProt Entry Name</b>               | CXA8_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.