

## Rabbit AQP2 Polyclonal Antibody | anti-AQP2 antibody

AQP2 Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA239715</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

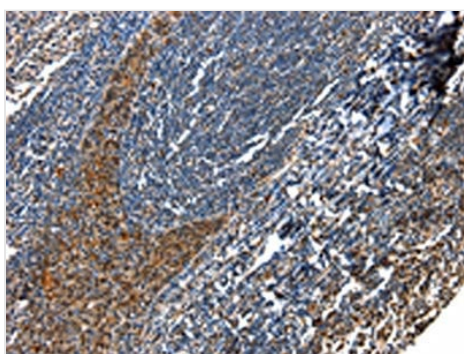
### PRODUCT SYNONYMS

AQP2; Polyclonal Antibody; AQP2 Antibody; Aquaporin-2; anti-AQP2 antibody

### PRODUCT SPECIFICATIONS

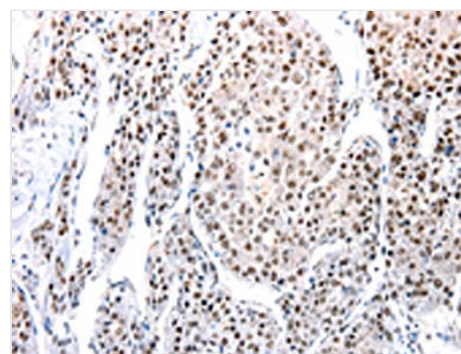
|                                                |                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                  |
| Reactivity                                     | Human, Mouse, Rat                                                                       |
| Clonality                                      | Polyclonal                                                                              |
| Isotype                                        | IgG                                                                                     |
| Purity/Purification                            | Antigen Affinity Purification                                                           |
| Form/Format                                    | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-AQP2 antibody | IHC (Immunohistochemistry), ELISA                                                       |
| Immunogen                                      | Synthetic peptide of human AQP2                                                         |
| Immunogen Species                              | Human                                                                                   |
| Conjugate                                      | Non-conjugated                                                                          |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using AAA239715(AQP2 Antibody) at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: ×200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using AAA239715(AQP2 Antibody) at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                  |                     |
|--------------------------------------------------|---------------------|
| Product Categories/Family for anti-AQP2 antibody | Signal Transduction |
|--------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502179                                                                                                                                                                |
| NCBI GeneID                      | 359                                                                                                                                                                    |
| NCBI Accession #                 | NP_000477.1                                                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_000486.5                                                                                                                                                            |
| UniProt Accession #              | P41181; Q9UD68                                                                                                                                                         |
| Molecular Weight                 | 28,837 Da                                                                                                                                                              |
| NCBI Official Full Name          | aquaporin-2                                                                                                                                                            |
| NCBI Official Synonym Full Names | aquaporin 2 (collecting duct)                                                                                                                                          |
| NCBI Official Symbol             | AQP2                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | AQP-CD; WCH-CD                                                                                                                                                         |
| NCBI Protein Information         | aquaporin-2; AQP-2; aquaporin-CD; ADH water channel; water-channel aquaporin 2; collecting duct water channel protein; water channel protein for renal collecting duct |
| UniProt Protein Name             | Aquaporin-2                                                                                                                                                            |
| UniProt Gene Name                | <b>AQP2</b>                                                                                                                                                            |
| UniProt Synonym Gene Names       | AQP-2; AQP-CD                                                                                                                                                          |
| UniProt Entry Name               | AQP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/aqp2-antibody-immunohistochemistry-elisa/239715>