

## Rabbit anti-Human JPH1 Polyclonal Antibody | anti-JPH1 antibody

JPH1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA234512 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

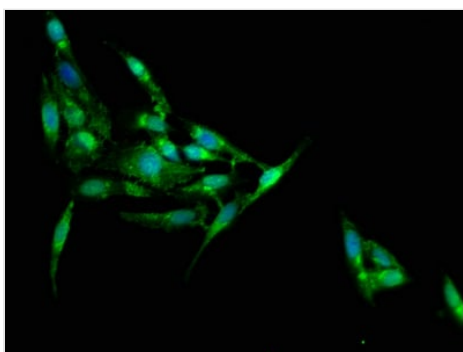
### PRODUCT SYNONYMS

JPH1; Polyclonal Antibody; JPH1 Antibody; Junctophilin-1; JP-1; Junctophilin type 1; JP1; anti-JPH1 antibody

### PRODUCT SPECIFICATIONS

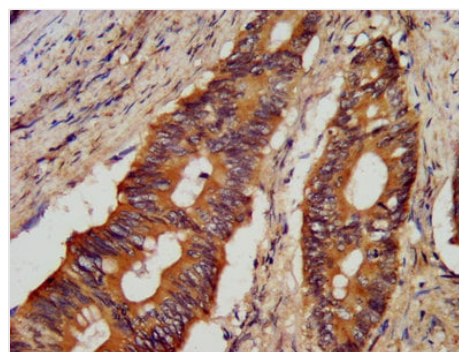
|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 661                                                                              |
| Applicable Applications for anti-JPH1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                       |
| Immunogen                                      | Recombinant Human Junctophilin-1 protein (431-546AA)                             |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234512 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### IHC (Immunohistochemistry)

IHC image of AAA234512 diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-JPH1 antibody | Junctophilins contribute to the formation of junctional membrane complexes (JMCs) which link the plasma membrane with the endoplasmic or sarcoplasmic reticulum in excitable cells. Provides a structural foundation for functional cross-talk between the cell surface and intracellular calcium release channels. JPH1 contributes to the construction of the skeletal muscle triad by linking the t-tubule (transverse-tubule) and SR (sarcoplasmic reticulum) membranes. |
| Product Categories/Family for anti-JPH1 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                  |
|----------------------------------|------------------|
| NCBI GI #                        | 961441448        |
| NCBI GeneID                      | 56704            |
| NCBI Accession #                 | NP_001304759.1   |
| NCBI GenBank Nucleotide #        | NM_001317830.1   |
| UniProt Accession #              | Q9HDC5; B2RTZ0   |
| Molecular Weight                 | 71,686 Da        |
| NCBI Official Full Name          | junctophilin-1   |
| NCBI Official Synonym Full Names | junctophilin 1   |
| NCBI Official Symbol             | JPH1             |
| NCBI Official Synonym Symbols    | JP1; JP-1; CMT2K |
| NCBI Protein Information         | junctophilin-1   |
| UniProt Protein Name             | Junctophilin-1   |
| UniProt Gene Name                | JPH1             |
| UniProt Synonym Gene Names       | JP1; JP-1        |

**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://www.aaabiotech.com/polyclonal/jph1-antibody-immunofluorescence-immunohistochemistry-elisa/234512>