



# Anti-ARPC5 (aa 1-100) polyclonal antibody (DPABH-08962)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |                                                                                                                                                                                                                           |
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| <b>Antigen Description</b> | Functions as component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. |
| <b>Immunogen</b>           | Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human p16 ARC.                                                                                                                                |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                       |
| <b>Source/Host</b>         | Rabbit                                                                                                                                                                                                                    |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                     |
| <b>Purification</b>        | Immunogen affinity purified                                                                                                                                                                                               |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                              |
| <b>Applications</b>        | ICC/IF, IHC-P, WB                                                                                                                                                                                                         |
| <b>Format</b>              | Liquid                                                                                                                                                                                                                    |
| <b>Size</b>                | 100 µg                                                                                                                                                                                                                    |
| <b>Buffer</b>              | pH: 7.40; Constituent: PBS                                                                                                                                                                                                |
| <b>Preservative</b>        | Preservative: 0.02% Sodium azide                                                                                                                                                                                          |
| <b>Storage</b>             | Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.                                                                                                            |

## GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">ARPC5 actin related protein 2/3 complex, subunit 5, 17kDa [ Homo sapiens ]</a>                                                                                                             |
| <b>Official Symbol</b> | ARPC5                                                                                                                                                                                                  |
| <b>Synonyms</b>        | ARPC5; actin related protein 2/3 complex, subunit 5, 16kDa; ARC16; p16-Arc; dJ127C7.3; actin-related protein 2/3 complex subunit 5; arp2/3 complex 16 kDa subunit; Arp2/3 protein complex subunit p16; |
| <b>Entrez Gene ID</b>  | <a href="#">10092</a>                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | <a href="#">NP_001257368.1</a>                                                                                                                                                                         |
| <b>UniProt ID</b>      | <a href="#">O15511</a>                                                                                                                                                                                 |
| <b>Pathway</b>         | B Cell Receptor Signaling Pathway; Bacterial invasion of epithelial cells; ErbB1 downstream signaling; Fc gamma R-mediated phagocytosis                                                                |
| <b>Function</b>        | actin binding; protein binding; structural constituent of cytoskeleton;                                                                                                                                |