

## Anti-ARPC4 antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml160892  |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Description</b>  | Anti-ARPC4 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB, IHC                        |
| <b>Immunogen</b>    | Synthetic peptide of human ARPC4      |
| <b>Reactivity</b>   | Human, Mouse                          |
| <b>Content</b>      | 0.4 mg/ml                             |
| <b>Host species</b> | Rabbit                                |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG         |
| <b>Purification</b> | Antigen affinity purification         |

### Target information

|                  |   |
|------------------|---|
| <b>Symbol</b>    | ARPC4   |
| <b>Full name</b> | actin related protein 2/3 complex, subunit 4, 20kDa |
| <b>Synonyms</b>  | ARC20; P20-ARC                                      |
| <b>Swissprot</b> | P59998  |

### Target Background

This gene encodes one of seven subunits of the human Arp2/3 protein complex. This complex controls actin polymerization in cells and has been conserved throughout eukaryotic evolution. This gene encodes the p20 subunit, which is necessary for actin nucleation and high-affinity binding to F-actin. Alternative splicing results in multiple transcript variants. Naturally occurring read-through transcription exists between this gene and the downstream tubulin tyrosine ligase-like family, member 3 (TTLL3), which results in the production of a fusion protein.

订购热线: 4008-898-798

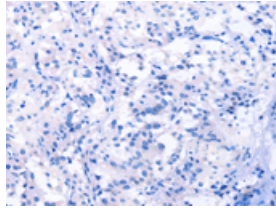
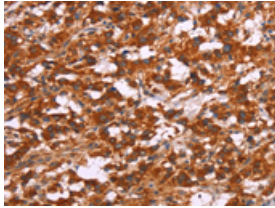
#### Applications

##### Immunohistochemistry

Predicted cell location: cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100

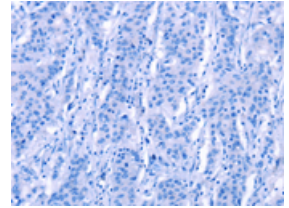
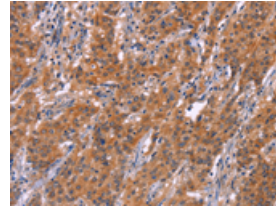


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml160892(ARPC4 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: cytoplasm

Positive control: Human gastric cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml160892(ARPC4 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

##### Western blotting

Predicted band size: 20 kDa

Positive control: Mouse brain tissue

Recommended dilution: 200-1000

Gel: 12% SDS-PAGE

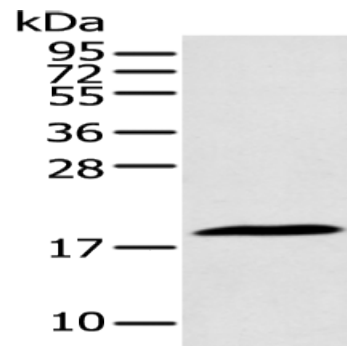
Lysate: 40  $\mu$ g

Lane: Mouse brain tissue

Primary antibody: ml160892(ARPC4 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



##### ELISA

Recommended dilution: 5000-10000

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