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Datasheet for ABIN1700484  
**anti-ARPC4 antibody (AA 1-100) (Biotin)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | ARPC4  |
| Binding Specificity: | AA 1-100   |
| Reactivity:          | Xenopus laevis   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ARPC4 antibody is conjugated to Biotin  |
| Application:         | ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ARPC4/p20-ARC |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Xenopus laevis  |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Sheep, Chicken, Rabbit, Zebrafish         |
| Purification:         | Purified by Protein A.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | ARPC4  |
| Alternative Name: | ARPC4/p20-ARC ( <a href="#">ARPC4 Products</a> ) |

## Target Details

|             |   |
|-------------|---|
| Background: | <p>Synonyms: Actin related protein 2/3 complex subunit 4, Actin related protein 2/3 complex subunit 4 20 kD, Actin related protein 2/3 complex subunit 4 20 kDa, Actin-related protein 2/3 complex subunit 4, ARC20, Arp2/3 complex 20 kDa subunit, Arp2/3 protein complex subunit p20, ARPC 4, ARPC4, ARPC4_HUMAN, MGC13544, OTTHUMP00000165252, OTTHUMP00000207520, p20 Arc, p20-ARC, p20ARC.</p> <p>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. [provided by RefSeq, Nov 2010].</p> |
| Gene ID:    | 10093   |
| Pathways:   | <a href="#">RTK Signaling, Regulation of Actin Filament Polymerization</a>  |

## Application Details

|                    |                                    |
|--------------------|------------------------------------|
| Application Notes: | IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only              |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C for 12 months.  |
| Expiry Date:       | 12 months  |