



ARPC4 Rabbit pAb

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| Catalog No | YP-Ab-19298 |
| Isotype | IgG |
| Reactivity | Human,Mouse |
| Applications | WB |
| Gene Name | ARPC4 ARC20 |
| Protein Name | Actin-related protein 2/3 complex subunit 4 (Arp2/3 complex 20 kDa subunit) (p20-ARC) |
| Immunogen | Synthesized peptide derived from human ARPC4 |
| Specificity | This antibody detects endogenous levels of ARPC4 at Human, Mouse |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | |
| Calculated Molecular Weight | 18kD |
| Cell Pathway | Cytoplasm, cytoskeleton . Cell projection . Nucleus . |
| Tissue Specificity | |
| Function | Actin-binding component of the Arp2/3 complex, a multiprotein complex that mediates actin polymerization upon stimulation by nucleation-promoting factor (NPF) . The Arp2/3 complex mediates the formation of branched actin networks in the cytoplasm, providing the force for cell motility . In addition to its role in the cytoplasmic cytoskeleton, the Arp2/3 complex also promotes actin polymerization in the nucleus, thereby regulating gene transcription and repair of damaged DNA . The Arp2/3 complex promotes homologous recombination (HR) repair in response to DNA damage by promoting nuclear actin polymerization, leading to drive motility of double-strand breaks (DSBs) . |
| Background | |



matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images