



# APC4 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-22874                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity         | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Name          | ANAPC4 APC4                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protein Name       | Anaphase-promoting complex subunit 4 (APC4) (Cyclosome subunit 4)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen          | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity        | APC4 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formulation        | Liquid in PBS containing 50% glycerol, 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 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Observed Band      | 88kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Cell Pathway       | Nucleus .                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Tissue Specificity | Amygdala,Placenta,Testis,                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Function           | function:Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the APC4 family.,subunit:The APC/C is composed of at least 11 subunits.,                                                                                                                                |
| Background         | A large protein complex, termed the anaphase-promoting complex (APC), or the cyclosome, promotes metaphase-anaphase transition by ubiquitinating its specific substrates such as mitotic cyclins and anaphase inhibitor, which are subsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains eight subunits. The composition of the APC is highly conserved in organisms from yeast to humans. The exact function of this gene |

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product is not known. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013],

**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

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