

## APC4 Polyclonal Antibody

<b>Catalog No :</b>	YN1797
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	APC4
<b>Fields :</b>	>>Cell cycle;>>Oocyte meiosis;>>Ubiquitin mediated proteolysis;>>Progesterone-mediated oocyte maturation;>>Human T-cell leukemia virus 1 infection
<b>Gene Name :</b>	ANAPC4 APC4
<b>Protein Name :</b>	Anaphase-promoting complex subunit 4 (APC4) (Cyclosome subunit 4)
<b>Human Gene Id :</b>	29945
<b>Human Swiss Prot No :</b>	Q9UJX5
<b>Mouse Swiss Prot No :</b>	Q91W96
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	APC4 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 88kD

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**Cell Pathway :** Cell\_Cycle\_G1S;Cell\_Cycle\_G2M\_DNA;Oocyte meiosis;Ubiquitin mediated proteolysis;Progesterone-mediated oocyte maturation;

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

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**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.,

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**Subcellular Location :** Nucleus .

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**Expression :** Amygdala,Placenta,Testis,

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## Products Images