

APC4 Polyclonal Antibody

Catalog No :	YN1797
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	APC4
Fields :	>>Cell cycle;>>Oocyte meiosis;>>Ubiquitin mediated proteolysis;>>Progesterone-mediated oocyte maturation;>>Human T-cell leukemia virus 1 infection
Gene Name :	ANAPC4 APC4
Protein Name :	Anaphase-promoting complex subunit 4 (APC4) (Cyclosome subunit 4)
Human Gene Id :	29945
Human Swiss Prot No :	Q9UJX5
Mouse Swiss Prot No :	Q91W96
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
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band :	88kD
Cell Pathway :	Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;Oocyte meiosis;Ubiquitin mediated proteolysis;Progesterone-mediated oocyte maturation;
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],
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.,
Subcellular Location :	Nucleus .
Expression :	Amygdala,Placenta,Testis,

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