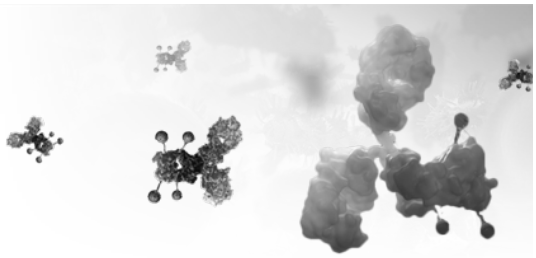

Mouse anti-Human ANAPC4 polyclonal antibody (DPAB-DC1522)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	ANAPC4 (AAH59383, 651 a.a. ~ 750 a.a) partial recombinant protein with GST tag. The sequence is VVLKDTVGREGRDRLLVQLPLSLVYNSEDSAEYQFTGTYSTRLDEQCSAIPTRTMHFEKH WRLLESMKAQYVAGNGFRKVSCVLSSNLRHVRVFEMDIDD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	ANAPC4 anaphase promoting complex subunit 4 [Homo sapiens (human)]
Official Symbol	ANAPC4
Synonyms	ANAPC4; anaphase promoting complex subunit 4; APC4; anaphase-promoting complex subunit 4; cyclosome subunit 4;
Entrez Gene ID	29945
Protein Refseq	NP_001273685
UniProt ID	B3KN47
Chromosome Location	4p15.2
Pathway	APC/C complex; APC/C-mediated degradation of cell cycle proteins; APC/C:Cdc20 mediated degradation of Securin; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1
Function	protein binding; protein phosphatase binding; ubiquitin-protein transferase activity;

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