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Datasheet for ABIN5703736 anti-RFC5 antibody



Overview	
Quantity:	100 µg
Target:	RFC5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFC5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	replication factor C (activator 1) 5, 36.5kDa
lsotype:	lgG
Target Details	
Target:	RFC5
Alternative Name:	RFC5 (RFC5 Products)
Background:	Synonyms: Background:This gene encodes the smallest subunit of the replication factor C complex, which consists of five distinct subunits (140, 40, 38, 37, and 36 kDa) and is required for DNA replication. This subunit interacts with the C-terminal region of proliferating cell nuclear antigen and is required to open and load proliferating cell nuclear antigen onto DNA during S phase. It is a member of the AAA+ (ATPases associated with various cellular activities) ATPase family and forms a core complex with the 38 and 40 kDa subunits that possesses DNA-

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Target Details	
	dependent ATPase activity. A related pseudogene has been identified on chromosome 9.
	Alternative splicing results in multiple transcript variants.
Gene ID:	5985
UniProt:	P40937
Pathways:	Telomere Maintenance, DNA Damage Repair, DNA Replication, Synthesis of DNA
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months