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Datasheet for ABIN357979 anti-RFC5 antibody (Middle Region)

Image



Overview

Quantity:	0.4 mL
Target:	RFC5
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFC5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human RFC5.
lsotype:	Ig Fraction
Specificity:	This antibody detects RFC5 (Center).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	RFC5
Alternative Name:	RFC5 / RFC36 (RFC5 Products)
Background:	The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase

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Target Details

	epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication
	factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct
	subunits of 140, 40, 38, 37, and 36 kD. RFC5 is the 36 kD subunit. This subunit can interact with
	the C-terminal region of PCNA. It forms a core complex with the 38 and 40 kDa subunits. The
	core complex possesses DNA-dependent ATPase activity, which was found to be stimulated by
	PCNA in an in vitro system.Synonyms: Activator 1 36 kDa subunit, Activator 1 subunit 5, RF-C
	36 kDa subunit, Replication factor C 36 kDa subunit, Replication factor C subunit 5
Molecular Weight:	38497 Da
Molecular Weight: Gene ID:	38497 Da 5985, 9606
Molecular Weight: Gene ID: UniProt:	38497 Da 5985, 9606 P40937
Molecular Weight: Gene ID: UniProt: Pathways:	38497 Da 5985, 9606 P40937 Telomere Maintenance, DNA Damage Repair, DNA Replication, Synthesis of DNA

Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/50-1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

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Image 1.

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