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Datasheet for ABIN657493 anti-REC8 antibody (AA 194-222)

2 Images



Overview

Quantity:	400 µL
Target:	REC8
Binding Specificity:	AA 194-222
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This REC8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-222 amino acids from the Central region of human REC8.
Clone:	RB32542
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

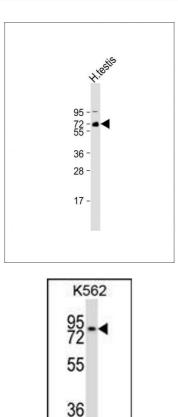
Target Details

Target:	REC8
Alternative Name:	REC8 (REC8 Products)
Background:	This gene encodes a member of the kleisin family of SMC (structural maintenance of chromosome) protein partners. The protein localizes to the axial elements of chromosomes
	during meiosis in both oocytes and spermatocytes. In the mouse, the homologous protein is a

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Target Details		
	key component of the meiotic cohesion complex, which regulates sister chromatid cohesion and recombination between homologous chromosomes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene.	
Molecular Weight:	62614	
Gene ID:	9985	
NCBI Accession:	NP_001041670, NP_005123	
UniProt:	095072	
Application Details		
Application Notes:	WB: 1:1000. WB: 1:1000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	REC8 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.	
Expiry Date:	6 months	

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Western Blotting

Image 1. Anti-REC8 Antibody (Center) at 1:1000 dilution + human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 63 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 2. REC8 Antibody (Center) (ABIN657493 and ABIN2846519) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the REC8 antibody detected the REC8 protein (arrow).

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