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## Datasheet for ABIN914906 anti-Septin 14 antibody (AA 351-432) (Cy5.5)



Overview

Quantity:	100 μL	
Target:	Septin 14 (SEPT14)	
Binding Specificity:	AA 351-432	
Reactivity:	Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Septin 14 antibody is conjugated to Cy5.5	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SEPT14
Isotype:	lgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.
Target Details	
Target:	Septin 14 (SEPT14)
Alternative Name:	14-Sep (SEPT14 Products)

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Target Details		
Background:	Synonyms: Septin-14, SEPT14	
	Background: Septin 14, also known as SEPT14, is a 432 amino acid protein that belongs to the	
	septin family. The highly conserved septin family of GTP-binding cytoskeletal proteins is	
	implicated in membrane transport, apoptosis, cell polarity, cell cycle regulation, cytokinesis and	
	other cellular functions. Septins polymerize into heterooligomeric protein complexes that form	
	filaments, and can associate with cellular membranes, actin filaments and microtubules. Septir	
	14 has a GTPase domain followed by a C-terminal coiled-coil domain characteristic of group II	
	septins. Septin 14 interacted with all septins except those that are members of its phylogenetic	
	cluster, including itself. Septin 14 shares highest identity (67 % ) with Septin 10. Expressed in	
	testis and more weakly in fetal liver, tonsil and thymus, the Septin 14 protein is not detected in	
	testicular cancer or other normal or cancer cell lines. The Septin 14 gene is conserved in	
	chimpanzee, dog, cow, mouse and rat, and maps to human chromosome 7p11.2.	
Gene ID:	346288	
UniProt:	Q6ZU15	
Application Details		
Application Notes:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 µg/µL	
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	

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Expiry Date:

12 months

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