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# anti-Septin 14 antibody (AA 351-432) (AbBy Fluor® 750)



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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 AbBy Fluor® 750
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:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	Septin 14 (SEPT14)
Alternative Name:	14-Sep (SEPT14 Products)

## **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. Septin		
	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