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Datasheet for ABIN914905

anti-Septin 14 antibody (AA 351-432) (Alexa Fluor 647)

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 Alexa Fluor 647
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.
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Gene ID:	346288
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UniProt:	Q6ZU15
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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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.

Handling

Expiry Date: 12 months