

Datasheet for ABIN7450721
anti-Septin 2 antibody (AA 311-361)



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Overview

Quantity:	100 µg
Target:	Septin 2 (SEPT2)
Binding Specificity:	AA 311-361
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Septin 2 Antibody, Affinity Purified
Immunogen:	Between AA 311 and 361
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Septin 2 (SEPT2)
Alternative Name:	Septin 2 (SEPT2 Products)
Background:	Background: Septin 2 is a filament-forming cytoskeletal GTPase. Septin 2 is required for normal organization of the actin cytoskeleton and plays a role in the biogenesis of polarized columnar-

Target Details

shaped epithelium by maintaining polyglutamylated microtubules, thus facilitating efficient vesicle transport, and by impeding MAP4 binding to tubulin. It is required for the progression through mitosis, and it forms a scaffold at the midplane of the mitotic spindle required to maintain CENPE localization at kinetochores and consequently chromosome congression. During anaphase, Septin 2 may be required for chromosome segregation and spindle elongation. Septin 2 also plays a role in ciliogenesis and collective cell movements [taken from the Universal Protein Resource (UniProt) Q15019].

Gene ID:	4735
NCBI Accession:	NP_001008491
UniProt:	Q15019

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
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Restrictions:	For Research Use only
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Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months