

Datasheet for ABIN7450720
anti-Septin 2 antibody (AA 275-325)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Septin 2 (SEPT2)
Binding Specificity:	AA 275-325
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 275 and 325
Isotype:	IgG
Predicted Reactivity:	Rat,Bovine,Orangutan
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

Target Details

organization of the actin cytoskeleton and plays a role in the biogenesis of polarized columnar-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

Restrictions: For Research Use only

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