
Product Name: Septin 7 Rabbit Monoclonal Antibody**Catalog #: AMRe02587**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.68mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 51 kDa; Observed MW: 51 kDa

Antigen Information

Gene Name	SEPTIN7
Alternative Names	septin 7; CDC3; CDC10; SEPT7; SEPT7A; NBLA02942
Gene ID	989
SwissProt ID	Q16181
Immunogen	Recombinant protein of human SEPT7

Background

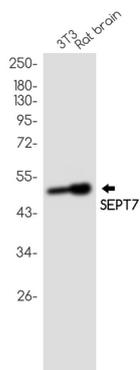
Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Required for normal progress through mitosis. Involved in cytokinesis. Required for normal association of CENPE with the kinetochore. Plays a role

in ciliogenesis and collective cell movements. Forms a filamentous structure with SEPT12, SEPT6, SEPT2 and probably SEPT4 at the sperm annulus which is required for the structural integrity and motility of the sperm tail during postmeiotic differentiation (PubMed:25588830).

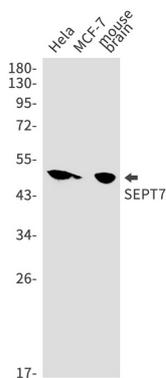
Research Area

Tags & Cell Markers

Image Data



Western blot analysis of SEPT7 in 3T3, rat brain lysates using Septin 7 antibody.



Western blot analysis of SEPT7 in HeLa, MCF-7, mouse brain lysates using SEPT7 antibody.