

Product Name: Septin 6 Rabbit Polyclonal Antibody**Catalog #: APRab17743**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight	50kDa

Antigen Information

Gene Name	SEPT6
Alternative Names	SEPT6; KIAA0128; SEP2; Septin-6
Gene ID	23157.0
SwissProt ID	Q14141
Immunogen	The antiserum was produced against synthesized peptide derived from human SEPT6. AA range:223-272

Background

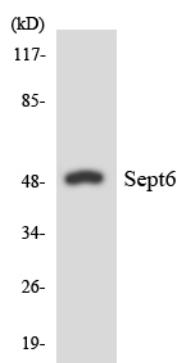
septin 6(SEPT6) Homo sapiens This gene is a member of the septin family of GTPases. Members of this family are required for

cytokinesis. One version of pediatric acute myeloid leukemia is the result of a reciprocal translocation between chromosomes 11 and X, with the breakpoint associated with the genes encoding the mixed-lineage leukemia and septin 2 proteins. This gene encodes four transcript variants encoding three distinct isoforms. An additional transcript variant has been identified, but its biological validity has not been determined. [provided by RefSeq, Jul 2008],function:Involved in cytokinesis .,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the septin family.,subunit:Heterohexamer composed of two heterotrimers containing one copy each of SEPT2, SEPT6 and SEPT7. The asymmetrical heterotrimers associate head-to-head to form a hexameric unit that assembles into filaments. Interacts with SEPT12. Interaction with SEPT12 alters filament structure.,

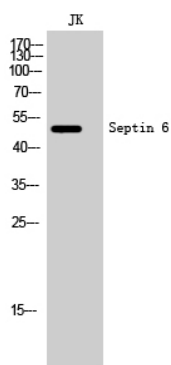
Research Area

Cell Biology; Cell Cycle; Cell Division; Cytokinesis; Microbiology; Interspecies Interaction; Host Virus Interaction

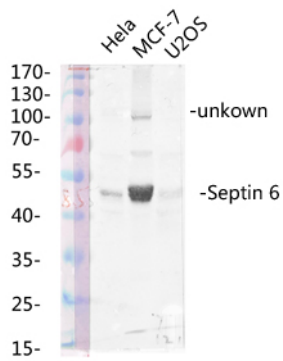
Image Data



Western blot analysis of the lysates from HeLa cells using SEPT6 antibody.



Western Blot analysis of JK cells using Septin 6 Polyclonal Antibody diluted at 1 : 1000



Western blot analysis of various lysis using Septin 6 Polyclonal Antibody diluted at 1 : 1000. Secondary antibody was diluted at 1:20000