



# Septin 14 Polyclonal Antibody

<b>Catalog No</b>	BYab-04196
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC
<b>Gene Name</b>	45183
<b>Protein Name</b>	Septin-14
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SEPT14. AA range:341-390
<b>Specificity</b>	Septin 14 Polyclonal Antibody detects endogenous levels of Septin 14 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	SEPT14; Septin-14
<b>Observed Band</b>	50kD
<b>Cell Pathway</b>	Cytoplasm . Cytoplasm, cytoskeleton . Cell projection, axon . Cell projection, dendrite . Perikaryon . Cytoplasm, perinuclear region . Cytoplasmic vesicle, secretory vesicle, acrosome . Colocalizes with actin stress fibers (PubMed:17922164). Expressed in the perinuclear rim and manchette structure in early elongating spermatids during spermiogenesis (By similarity). .
<b>Tissue Specificity</b>	Testis-specific (at protein level).
<b>Function</b>	function:Involved in cytokinesis .,similarity:Belongs to the septin family.,
<b>Background</b>	SEPT14 is a member of the highly conserved septin family of GTP-binding cytoskeletal proteins implicated in membrane transport, apoptosis, cell polarity, cell cycle regulation, cytokinesis, and other cellular functions (Peterson et al., 2007 [PubMed 17922164]).[supplied by OMIM, Jul 2008],

Nanjing BYabscience technology Co.,Ltd



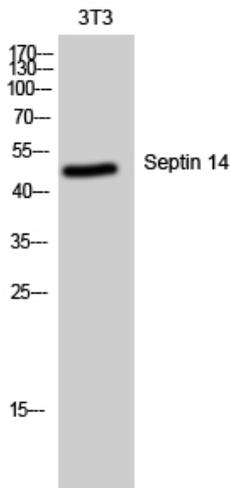
**matters needing attention**

Avoid repeated freezing and thawing!

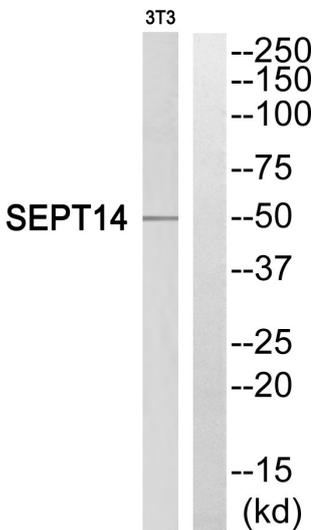
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

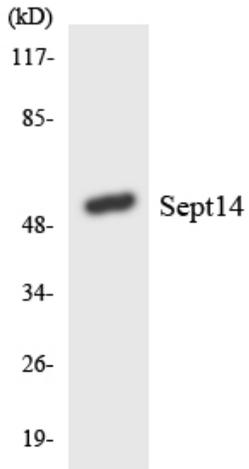
**Products Images**



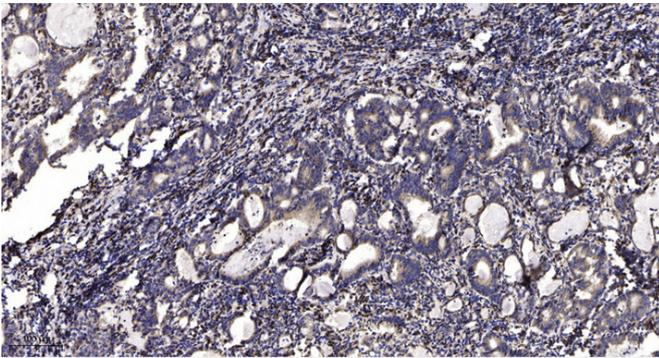
Western Blot analysis of 3T3 cells using Septin 14 Polyclonal Antibody



Western blot analysis of SEPT14 Antibody. The lane on the right is blocked with the SEPT14 peptide.



Western blot analysis of the lysates from Jurkat cells using SEPT14 antibody.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).