



# 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],

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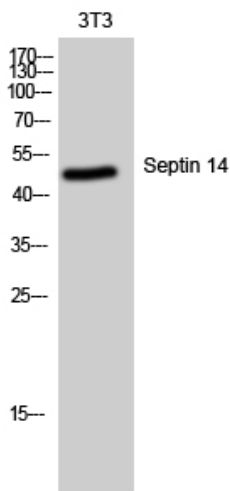
**matters needing attention**

Avoid repeated freezing and thawing!

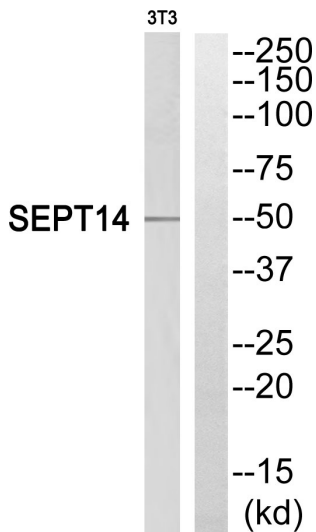
**Usage suggestions**

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



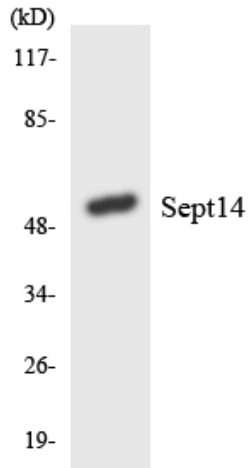
Western blot analysis of SEPT14 Antibody. The lane on the right is blocked with the SEPT14 peptide.

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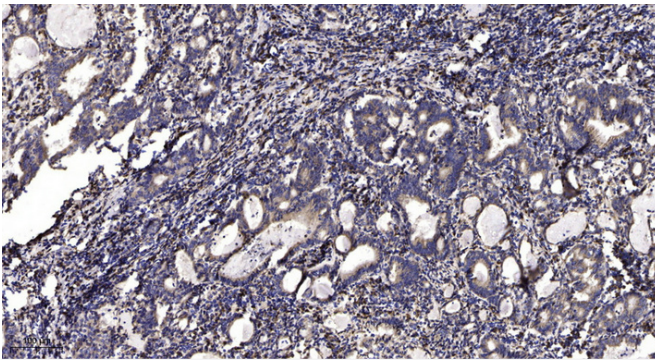
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Western blot analysis of the lysates from Jurkat cells using SEPT14 antibody.



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).