



Septin 3 Polyclonal Antibody

Catalog No	YP-Ab-04198
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA;IHC
Gene Name	45172
Immunogen	The antiserum was produced against synthesized peptide derived from human SEPT3. AA range:136-185
Specificity	Septin 3 Polyclonal Antibody detects endogenous levels of Septin 3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	bK250D10.3;Neuronal specific septin 3;Neuronal-specific septin-3;SEP3;septin 3;45172;SEPT3
Observed Band	41kD
Calculated Molecular Weight	41kD
Cell Pathway	Cytoplasm. Cytoplasm, cytoskeleton . Cell junction, synapse .
Tissue Specificity	Brain-specific.
Function	function:Involved in cytokinesis .,induction:Up-regulated during neuronal differentiation.,PTM:Phosphorylated by PKG on serine residues. Phosphorylated by PKG on Ser-91.,similarity:Belongs to the septin family.,subcellular location:Localizes in synaptosomes at dendritic synapses of neurons. Localizes within presynaptic terminals of neurons.,subunit:May assemble into a multicomponent structure.,tissue specificity:Brain specific.,
Background	septin 3(SEPT3) Homo sapiens This gene belongs to the septin family of GTPases. Members of this family are required for cytokinesis. Expression is upregulated by retinoic acid in a human teratocarcinoma cell line. The specific function of this gene has not been determined. Alternative splicing of this gene



results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],

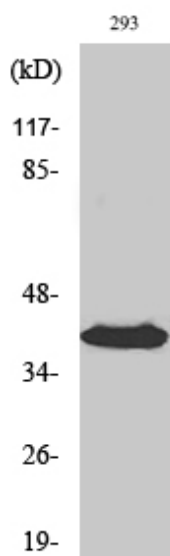
matters needing attention

Avoid repeated freezing and thawing!

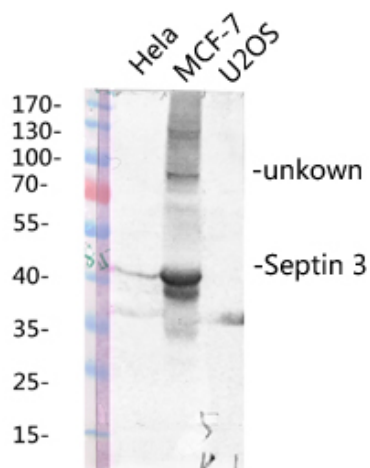
Usage suggestions

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

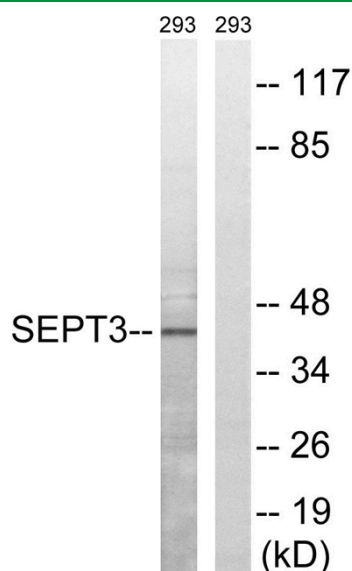
Products Images



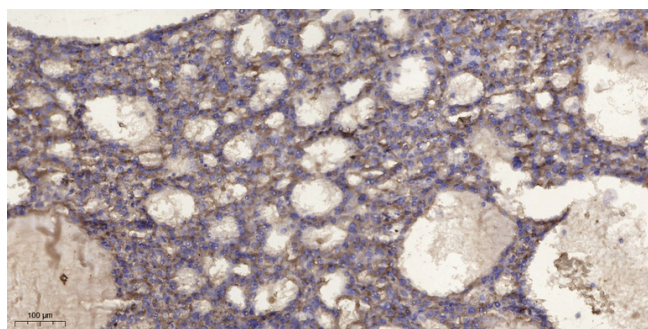
Western Blot analysis of various cells using Septin 3 Polyclonal Antibody diluted at 1:1000



Western blot analysis of various lysis using Septin 3 Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from 293 cells, using SEPT3 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).