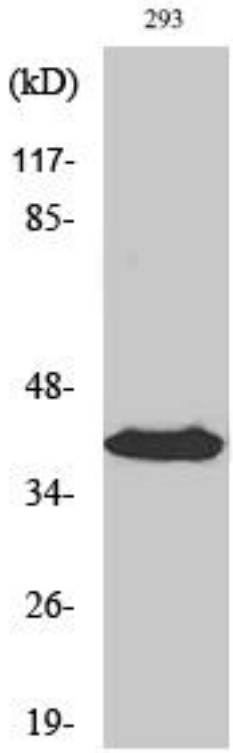
Septin 3 Monoclonal Antibody

Catalog No	YP-mAb-04198
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	3-9月
Protein Name	Neuronal-specific septin-3
Immunogen	The antiserum was produced against synthesized peptide derived from human SEPT3. AA range:136-185
Specificity	Septin 3 Monoclonal Antibody detects endogenous levels of Septin 3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SEPT3; SEP3; Neuronal-specific septin-3
Observed Band	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 Monoclonal Antibody