



Septin 1 Polyclonal Antibody

Catalog No	YP-Ab-04195
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	45170
Immunogen	The antiserum was produced against synthesized peptide derived from human SEPT1. AA range:181-230
Specificity	Septin 1 Polyclonal Antibody detects endogenous levels of Septin 1 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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DIFF6;LARP;Peanut like protein 3;PNUTL3;SEP1;SEPT1;Septin 1;45170;Septin-1;Peanut-like protein 3;Serologically defined breast cancer antigen NY-BR-24
Observed Band	41kD
Calculated Molecular Weight	41kD
Cell Pathway	Cytoplasm . Cytoplasm, cytoskeleton . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Midbody. Remains at the centrosomes and the nearby microtubules throughout mitosis. Localizes to the midbody during cytokinesis.
Tissue Specificity	Expressed at high levels in lymphoid and hematopoietic tissues.
Function	function:Involved in cytokinesis .,similarity:Belongs to the septin family., subunit:May assemble into a multicomponent structure.,
Background	septin 1(SEPT1) Homo sapiens This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis and the maintenance of cellular morphology. This gene encodes a protein that can form homo- and heterooligomeric filaments, and may contribute to the formation of neurofibrillary tangles in Alzheimer's disease. Alternatively spliced



transcript variants have been found but the full-length nature of these variants has not been determined. [provided by RefSeq, Dec 2012],

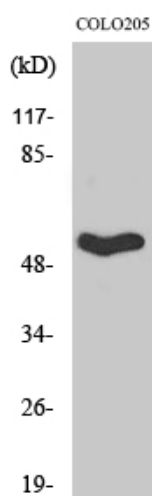
matters needing attention

Avoid repeated freezing and thawing!

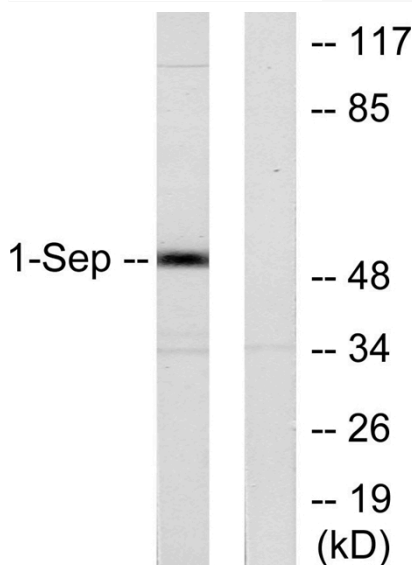
Usage suggestions

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 1 Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using SEPT1 Antibody. The lane on the right is blocked with the synthesized peptide.

Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200