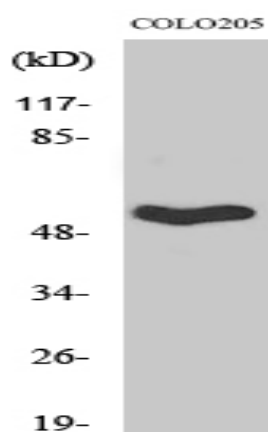


## Septin 1 Polyclonal Antibody

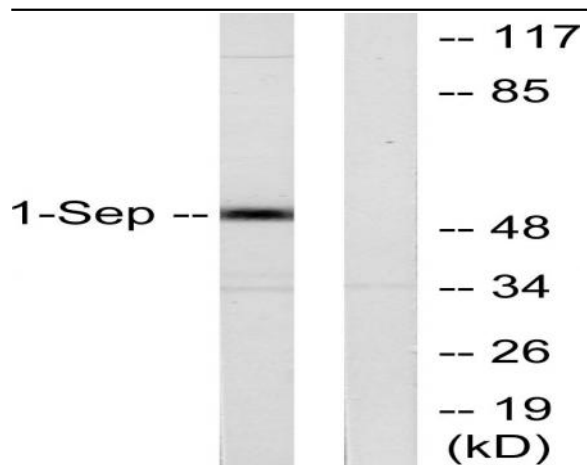
<b>Catalog No :</b>	YT4245
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Septin 1
<b>Fields :</b>	>>Bacterial invasion of epithelial cells
<b>Gene Name :</b>	SEPT1
<b>Protein Name :</b>	Septin-1
<b>Human Gene Id :</b>	1731
<b>Human Swiss Prot No :</b>	Q8WYJ6
<b>Mouse Gene Id :</b>	54204
<b>Mouse Swiss Prot No :</b>	P42209
<b>Rat Gene Id :</b>	293507
<b>Rat Swiss Prot No :</b>	Q5EB96
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human SEPT1. AA range:181-230
<b>Specificity :</b>	Septin 1 Polyclonal Antibody detects endogenous levels of Septin 1 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>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	41kD
<b>Background :</b>	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],
<b>Function :</b>	function:Involved in cytokinesis .,similarity:Belongs to the septin family.,subunit:May assemble into a multicomponent structure.,
<b>Subcellular Location :</b>	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.
<b>Expression :</b>	Expressed at high levels in lymphoid and hematopoietic tissues.

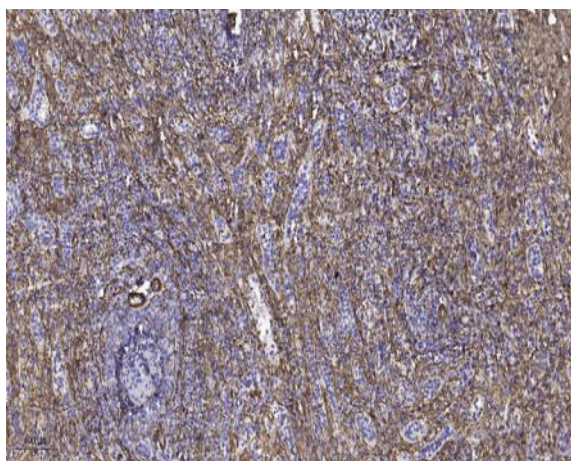
## Products Images



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