



Septin 5 Polyclonal Antibody

Catalog No	YP-Ab-04199
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	45174
Immunogen	Synthesized peptide derived from Septin 5 . at AA range: 180-260
Specificity	Septin 5 Polyclonal Antibody detects endogenous levels of Septin 5 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
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDCREL;CDCREL 1;CDCREL1;H5;Peanut like protein 1;PNUTL1;SEPT5; Septin 5;septin5;45174;Septin-5;Cell division control-related protein 1;CDCrel-1; Peanut-like protein 1
Observed Band	42kD
Calculated Molecular Weight	42kD
Cell Pathway	Cytoplasm . Cytoplasm, cytoskeleton . In platelets, found in areas surrounding alpha-granules.
Tissue Specificity	Expressed at high levels in the CNS, as well as in heart and platelets (at protein level).
Function	function:Involved in cytokinesis .,similarity:Belongs to the septin family., subunit:May assemble into a multicomponent structure.,
Background	septin 5(SEPT5) Homo sapiens This gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is mapped to 22q11, the region frequently deleted in DiGeorge and



velocardiofacial syndromes. A translocation involving the MLL gene and this gene has also been reported in patients with acute myeloid leukemia. Alternative splicing results in multiple transcript variants. The presence of a non-consensus polyA signal (AACAAAT) in this gene also results in read-through transcription into the downstream neighboring gene (GP1BB; platelet glycoprotein Ib), whereby larger, non-coding transcripts are produced. [provided by RefSeq, Dec 2010],

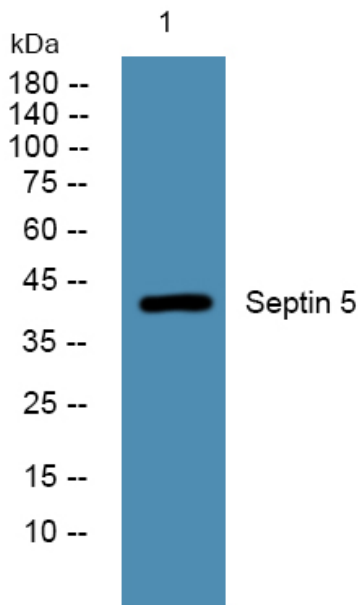
matters needing attention

Avoid repeated freezing and thawing!

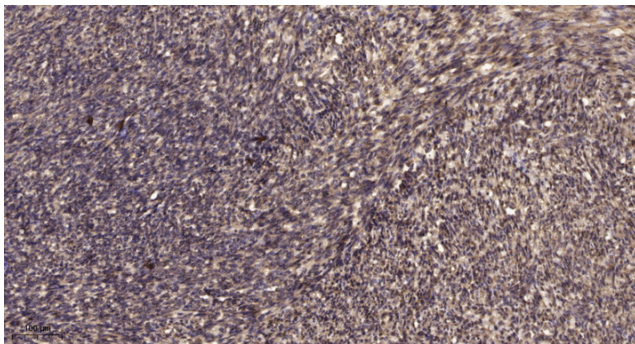
Usage suggestions

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

Products Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human uterus. 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).