

## SYT Polyclonal Antibody

<b>Catalog No :</b>	YT4501
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	SYT
<b>Fields :</b>	>>Transcriptional misregulation in cancer
<b>Gene Name :</b>	SS18
<b>Protein Name :</b>	Protein SSXT
<b>Human Gene Id :</b>	6760
<b>Human Swiss Prot No :</b>	Q15532
<b>Mouse Gene Id :</b>	268996
<b>Mouse Swiss Prot No :</b>	Q62280
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human SSXT. AA range:1-50
<b>Specificity :</b>	SYT Polyclonal Antibody detects endogenous levels of SYT 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

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 45kD

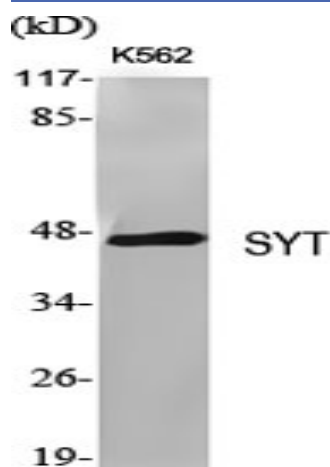
**Background :** disease:A chromosomal aberration involving SS18 may be a cause of synovial sarcoma. Translocation t(X;18)(p11.2;q11.2). The translocation is specifically found in more than 80% of synovial sarcoma. The fusion products SSXT-SSX1 or SSXT-SSX2 are probably responsible for transforming activity. Heterogeneity in the position of the breakpoint can occur (low frequency).,similarity:Belongs to the SS18 family.,tissue specificity:Fairly ubiquitously expressed. Expressed in synovial sarcomas and in other human cell lines. The fusion genes SSXT-SSX1 and SSXT-SSX2 are expressed only in synovial sarcomas.,

**Function :** disease:A chromosomal aberration involving SS18 may be a cause of synovial sarcoma. Translocation t(X;18)(p11.2;q11.2). The translocation is specifically found in more than 80% of synovial sarcoma. The fusion products SSXT-SSX1 or SSXT-SSX2 are probably responsible for transforming activity. Heterogeneity in the position of the breakpoint can occur (low frequency).,similarity:Belongs to the SS18 family.,tissue specificity:Fairly ubiquitously expressed. Expressed in synovial sarcomas and in other human cell lines. The fusion genes SSXT-SSX1 and SSXT-SSX2 are expressed only in synovial sarcomas.,

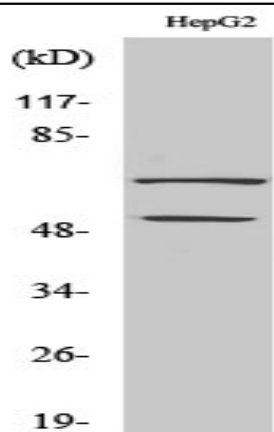
**Subcellular Location :** Nucleus .

**Expression :** Fairly ubiquitously expressed. Expressed in synovial sarcomas and in other human cell lines. The fusion genes SSXT-SSX1 and SSXT-SSX2 are expressed only in synovial sarcomas.

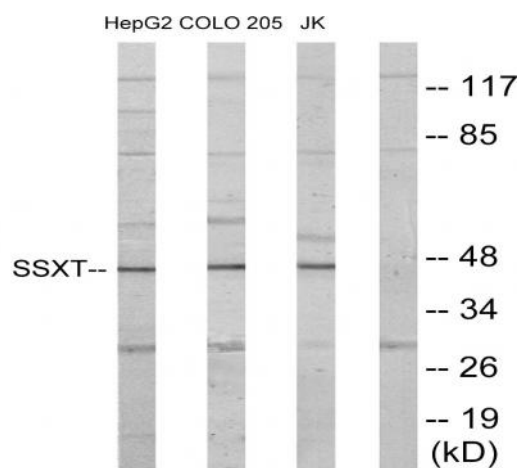
## Products Images



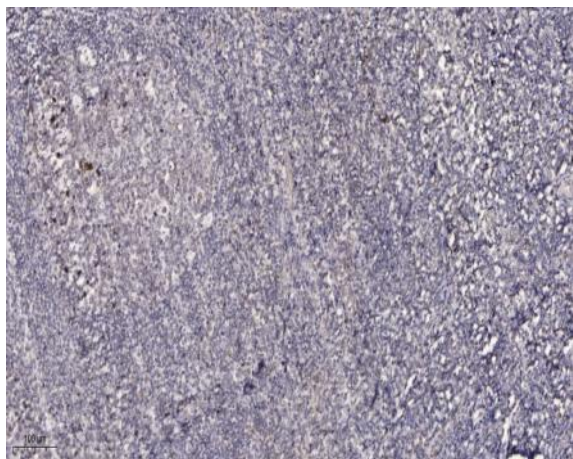
Western Blot analysis of various cells using SYT Polyclonal Antibody



Western Blot analysis of COLO205 cells using SYT Polyclonal Antibody



Western blot analysis of lysates from HepG2, Jurkat, and COLO205 cells, using SSXT Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 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).