

## Stlp1 Polyclonal Antibody

<b>Catalog No :</b>	YT4459
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IHC
<b>Target :</b>	Stlp1
<b>Gene Name :</b>	ELP2
<b>Protein Name :</b>	Elongator complex protein 2
<b>Human Gene Id :</b>	55250
<b>Human Swiss Prot No :</b>	Q6IA86
<b>Mouse Swiss Prot No :</b>	Q91WG4
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ELP2. AA range:771-820
<b>Specificity :</b>	Stlp1 Polyclonal Antibody detects endogenous levels of Stlp1 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 1:500-2000;IHC 1:50-300
<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>	93kD

**Background :** The protein encoded by this gene is a core subunit of the elongator complex, a histone acetyltransferase complex that associates with RNA polymerase II. In addition to histone acetylation, the encoded protein effects transcriptional elongation and may help remodel chromatin. [provided by RefSeq, May 2016],

**Function :** function:Acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4.,function:Regulates the ligand-dependent activation of STAT3.,similarity:Belongs to the WD repeat ELP2 family.,similarity:Contains 14 WD repeats.,subunit:Component of the RNA polymerase II elongator complex (Elongator), which consists of IKBKAP/ELP1, STIP1/ELP2, ELP3, ELP4, and two yet unidentified proteins, p30 and p38. Elongator associates with the C-terminal domain (CTD) of Pol II largest subunit. Interacts with STAT3 and JAKs.,

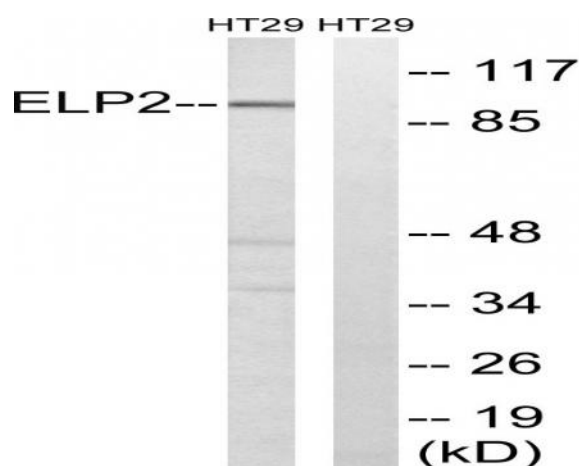
**Subcellular Location :** Cytoplasm . Nucleus .

**Expression :** Hematopoietic,Liver,Ovary,Uterus,

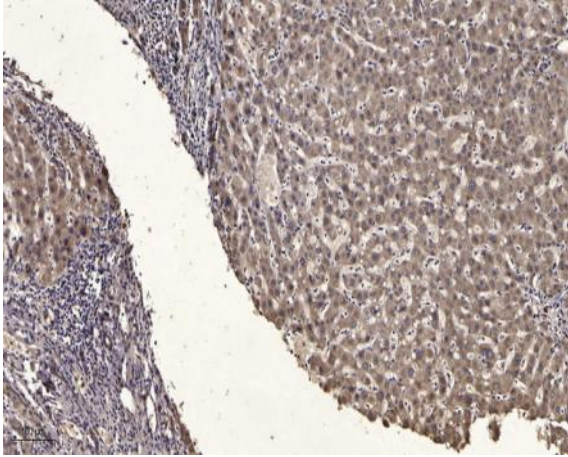
## Products Images



Western Blot analysis of various cells using Stlp1 Polyclonal Antibody



Western blot analysis of lysates from HT-29 cells, using ELP2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 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).