
Product Name: StIp1 Rabbit Polyclonal Antibody**Catalog #: APRab18388**

For research use only.

Summary

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|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC |
| Reactivity | Human,Rat,Mouse |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|--------------------------------|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:50-1:300 |
| Molecular Weight | 93kDa |

Antigen Information

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| Gene Name | ELP2 |
| Alternative Names | ELP2; STATIP1; Elongator complex protein 2; ELP2; SHINC-2; STAT3-interacting protein 1; StIP1 |
| Gene ID | 55250.0 |
| SwissProt ID | Q6IA86 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human ELP2. AA range:771-820 |

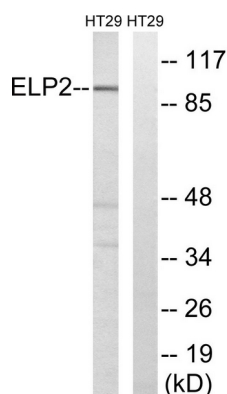
Background

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: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.,

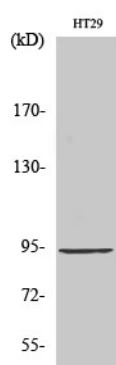
Research Area

Heat Shock Proteins; Signal Transduction; Protein Trafficking; Chaperones; Other Chaperones

Image Data



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



Western Blot analysis of various cells using Stip1 Polyclonal Antibody