ELP2 Polyclonal Antibody

Catalog No. E-AB-10941

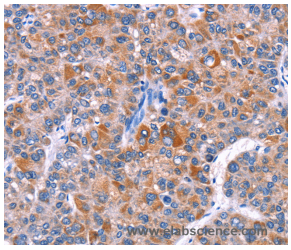
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

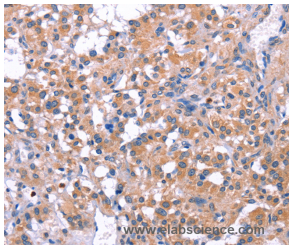
Reactivity	Human,Rat
Immunogen	Recombinant protein of human ELP2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
IHC	1:50-1:200

Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ELP2 Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ELP2 Polyclonal Antibody at dilution 1:40

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

One member of the STAT family, Stat3, participates in a wide range of biological processes including nephrogenesis, gliogenesis, hepatogenesis, T cell proliferation, inflammation and oncogenesis.Many of these responses are triggered by the IL-6 family of cytokines, which transduce their vital signals through a common gp130 receptor chain .A novel Stat3-Interacting Protein, StIP1, contains 12 WD40 repeats, which mediate protein-protein interactions .StIP1 exhibits an affinity for members of the JNK family and may play a specific role in regulating Stat3 activation.Overexpression of StIP1 blocks Stat3 activation, nuclear translocation and Stat3-dependent induction of a reporter gene, suggesting that StIP1 regulates the ligand-dependent activation of Stat3, probably by serving as a scaffold protein that promotes the interaction between JNK and the Stat3 substrate.

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