

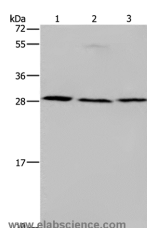
TP53INP1 Polyclonal Antibody

Catalog No. E-AB-13485
Storage Store at -20°C. Avoid freeze / thaw cycles.
Applications WB,IHC,ELISA

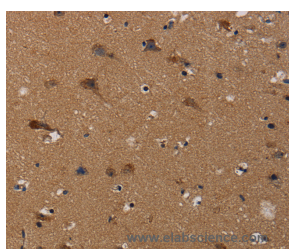
Reactivity H
Host Rabbit
Isotype IgG

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

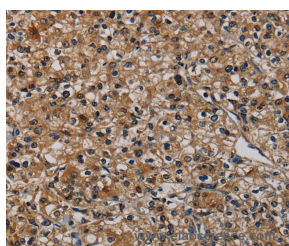
Images



Western Blot analysis of Human fetal liver tissue, 293T and 231 cell using TP53INP1 Polyclonal Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Human brain using TP53INP1 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human prostate cancer using TP53INP1 Polyclonal Antibody at dilution of 1:50

Immunogen Information

Immunogen Synthetic peptide of human TP53INP1
Gene Accession NP_150601
Swissprot Q96A56
Synonyms SIP, Teap, p53DINP1, TP53DINP1, TP53INP1A, TP53INP1B

Product Information

Calculated MW 27kDa
Buffer PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Purify Affinity purification
Dilution WB 1:200-1:1000, IHC 1:50-1:200

Background

TP53INP1 (tumor protein p53-inducible nuclear protein 1), also known as p53DINP1, SIP or Teap, is a 240 amino acid protein that localizes to nuclear bodies and exists as two alternatively spliced isoforms, designated p53DINP1a and p53DINP1b. Expressed ubiquitously with higher expression in testis, pancreas and spleen tissue, TP53INP1 functions in response to double-stranded DNA breaks and regulates p53-mediated apoptosis, specifically by phosphorylating human p53 at Ser 46, an event that leads to cell death. Additionally, TP53INP1 is thought to interact with p73 and may be involved in the regulation of p73-controlled cell cycle progression. TP53INP1 expression is downregulated in pancreatic ductal adenocarcinomas, suggesting that, via its ability to induce cell death, TP53INP1 plays a role in tumor suppression.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.