TP53INP1 Antibody

Catalog No: #37790

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Description

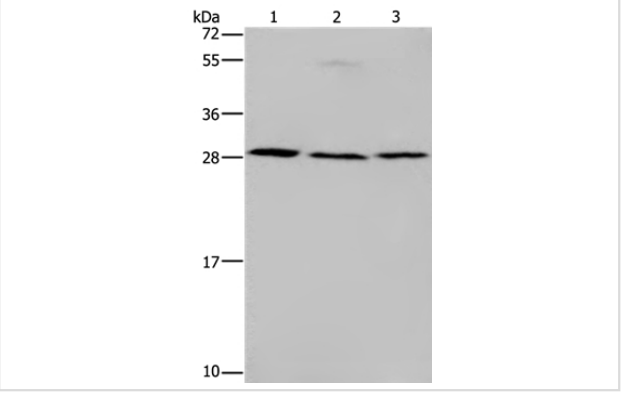
Product Name	TP53INP1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TP53INP1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human tumor protein p53 inducible nuclear protein 1
Target Name	TP53INP1
Other Names	SIP; Teap; p53DINP1; TP53DINP1; TP53INP1A; TP53INP1B
Accession No.	Swiss-Prot#: Q96A56NCBI Gene ID: 94241Gene Accssion: NP_150601/Q96A56
Uniprot	Q96A56
GeneID	94241;
SDS-PAGE MW	27kd
Concentration	3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

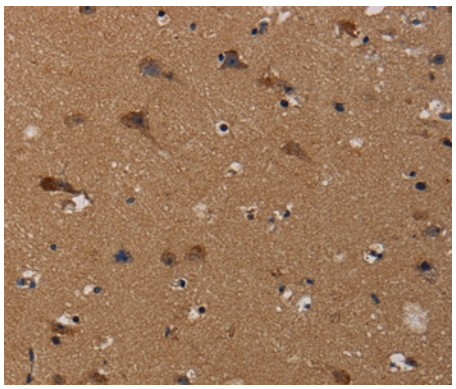
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 10%SDS-PAGE
Lysates (from left to right): Human fetal liver tissue, 293T and 231 cell
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37790 at dilution 1/50.

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.

Note: This product is for in vitro research use only