

Datasheet for ABIN7173917
anti-TP53INP1 antibody (AA 138-205)

2 Images

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Overview

Quantity:	100 µg
Target:	TP53INP1
Binding Specificity:	AA 138-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53INP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Tumor protein p53-inducible nuclear protein 1 protein (138-205AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TP53INP1
Alternative Name:	TP53INP1 (TP53INP1 Products)
Background:	Background: Antiproliferative and proapoptotic protein involved in cell stress response which acts as a dual regulator of transcription and autophagy. Acts as a positive regulator of

Target Details

autophagy. In response to cellular stress or activation of autophagy, relocates to autophagosomes where it interacts with autophagosome-associated proteins GABARAP, GABARAPL1/L2, MAP1LC3A/B/C and regulates autophagy. Acts as an antioxidant and plays a major role in p53/TP53-driven oxidative stress response. Possesses both a p53/TP53-independent intracellular reactive oxygen species (ROS) regulatory function and a p53/TP53-dependent transcription regulatory function. Positively regulates p53/TP53 and p73/TP73 and stimulates their capacity to induce apoptosis and regulate cell cycle. In response to double-strand DNA breaks, promotes p53/TP53 phosphorylation on 'Ser-46' and subsequent apoptosis. Acts as a tumor suppressor by inducing cell death by an autophagy and caspase-dependent mechanism. Can reduce cell migration by regulating the expression of SPARC.

Aliases: DKFZp434M1317 antibody, FLJ22139 antibody, p53 damage inducible nuclear protein 1 antibody, p53 dependent damage inducible nuclear protein 1 antibody, p53 inducible nuclear protein 1 antibody, p53 inducible p53DINP1 antibody, p53-dependent damage-inducible nuclear protein 1 antibody, p53DINP1 antibody, SIP antibody, Stress induced protein antibody, Stress-induced protein antibody, T53I1_HUMAN antibody, Teap antibody, TP53 DINP1 antibody, TP53 INP1 antibody, TP53DINP1 antibody, TP53INP1 antibody, TP53INP1A antibody, TP53INP1B antibody, Tumor protein p53 inducible nuclear protein 1 antibody, Tumor protein p53-inducible nuclear protein 1 antibody

UniProt: [Q96A56](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

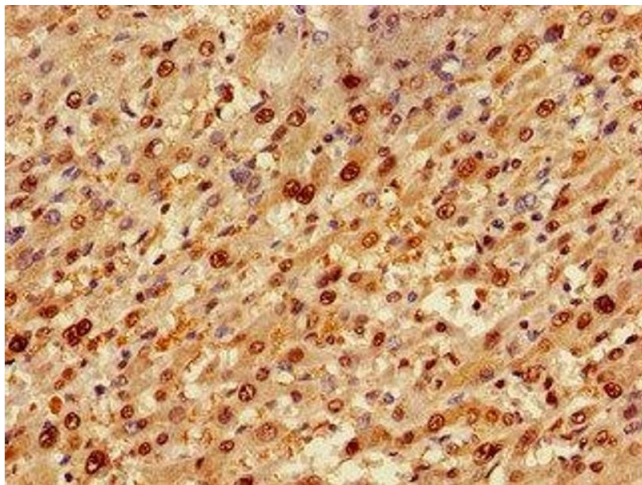
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Handling

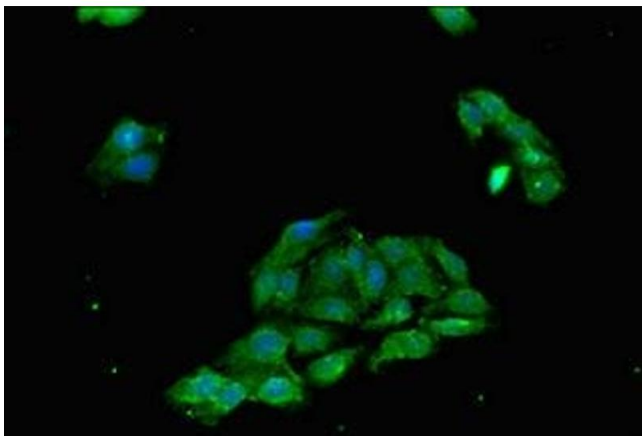
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7173917 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7173917 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)