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Datasheet for ABIN7173919  
**anti-TP53INP1 antibody (AA 138-205) (FITC)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg                                       |
| Target:              | TP53INP1                                     |
| Binding Specificity: | AA 138-205                                   |
| Reactivity:          | Human  |
| Host:                | Rabbit                                       |
| Clonality:           | Polyclonal                                   |
| Conjugate:           | This TP53INP1 antibody is conjugated to FITC |
| Application:         | Please inquire                               |

### 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 ( <a href="#">TP53INP1 Products</a> )   |
| 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

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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

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UniProt: [Q96A56](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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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

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