G-Biosciences Image not found or type unknown

Immunotag™ TP53INP1 Antibody

Antibody Specification

Catalog No.	ITA8472
Product Description	Immunotag™ TP53INP1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TP53INP1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TP53INP1
Specificity	TP53INP1 Antibody detects endogenous levels of total TP53INP1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TP53INP1
Accession No.	Q96A56
Alternate Names	DKFZp434M1317; FLJ22139; p53 damage inducible nuclear protein 1; p53 dependent damage inducible nuclear protein 1; p53 inducible nuclear protein 1; p53 inducible p53DINP1; p53-dependent damage-inducible nuclear protein 1; p53DINP1; SIP; Stress induced protein; Stress-induced protein; T53I1_HUMAN; Teap; TP53 DINP1; TP53 INP1; TP53DINP1; TP53INP1; TP53INP1A; TP53INP1B; Tumor protein p53 inducible nuclear protein 1; Tumor protein p53-inducible nuclear protein 1;

Antibody Specification

Description	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 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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	27 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.