Product Name: KO-Validated TP53INP1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb00112
For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 27.4kDa

Antigen Information

Gene Name	TP53INP1
Alternative Names	TP53INP1; Tumor Protein P53 Inducible Nuclear Protein 1; P53DINP1; SIP; TP53INP1A; TP53INP1B; Teap; P53-Dependent Damage-Inducible Nuclear Protein 1; Tumor Protein P53-Inducible Nuclear Protein 1; Stress-Induced Protein; DKFZp434M1317; FLJ22139; P53-Inducible P53DINP1; TP53DINP1
Gene ID	94241.0
SwissProt ID	Q96A56
Immunogen	A synthesized peptide derived from human p53 DINP1

Background

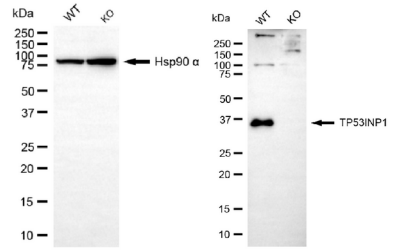
Predicted to enable antioxidant activity. Involved in autophagic cell death; positive regulation of DNA-templated transcription;

and positive regulation of autophagy. Located in autophagosome; cytosol; and nucleus. [provided by Alliance of Genome Resources, Jul 2025]

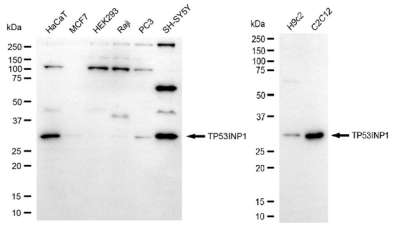
Research Area

Cell Biology,Cancer

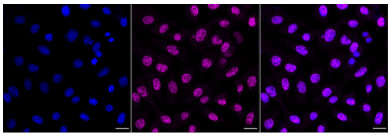
Image Data



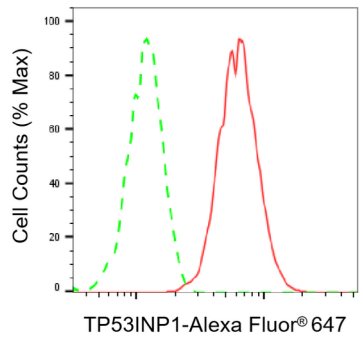
Western blotting analysis using TP53INP1 antibody (KVAb00112). TP53INP1 expression in wild-type (WT) and TP53INP1 knockout (KO) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TP53INP1 antibody (KVAb00112, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using TP53INP1 antibody (KVAb00112). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TP53INP1 antibody (KVAb00112, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of C2C12 cells with TP53INP1 antibody (KVAb00112, 1:1,000). Nuclei were stained blue with DAPI; TP53INP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of TP53INP1 expression in C2C12 cells using TP53INP1 antibody (KVAb00112, 1:2,000). Green, isotype control; red, TP53INP1.