

Datasheet for ABIN6149404
anti-p53 antibody (C-Term)



[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	p53 (TP53)
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p53 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of mouse p53 (NP_035770.2).
Sequence:	SAKRALPTCT SASPPQKKKP LDGEYFTLKI RGRKRFEMFR ELNEALELKD AHATEESGDS RAHSSYLKTK KGQSTSRHKK TMVKKVGPDS D
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	p53 (TP53)
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Target Details

Alternative Name: TP53 ([TP53 Products](#))

Background: This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277)., TP53, BCC7, LFS1, P53, TRP53, Trp53, bbl, bfy, bhy, p44, p53, Tp53, Epigenetics & Nuclear Signaling, Transcription Factors, DNA Damage & Repair, Cancer, Tumor suppressors, p53 pathway, Signal Transduction, PI3K-Akt Signaling Pathway, ErbB-HER Signaling Pathway, MAPK-JNK Signaling Pathway, MAPK-P38 Signaling Pathway, Cell Biology & Developmental Biology, Apoptosis, Mitochondrial Control of Apoptosis, Cell Cycle, Cell cycle inhibitors, G1/S Checkpoint, G2/M DNA Damage Checkpoint, Endocrine & Metabolism, AMPK Signaling Pathway, Warburg Effect, Neuroscience, Neurodegenerative Diseases, TP53

Molecular Weight: 43 kDa

Gene ID: 22059

UniProt: [P02340](#)

Pathways: [p53 Signaling](#), [MAPK Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [AMPK Signaling](#), [Chromatin Binding](#), [ER-Nucleus Signaling](#), [Positive Regulation of Endopeptidase Activity](#), [Hepatitis C](#), [Protein targeting to Nucleus](#), [Autophagy](#), [Warburg Effect](#)

Application Details

Application Notes: WB, 1:500 - 1:2000, IHC, 1:50 - 1:200, IF, 1:50 - 1:100, IP, 1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

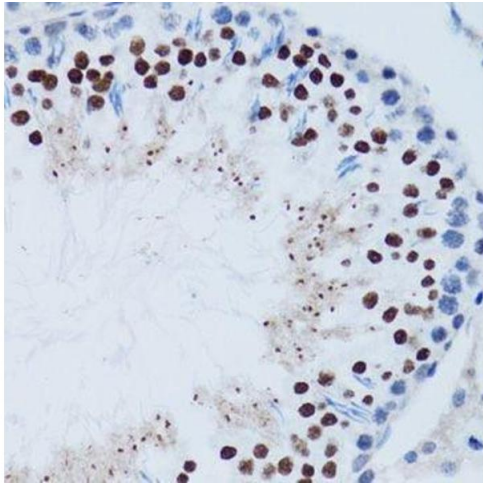
Handling

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

Storage: -20 °C

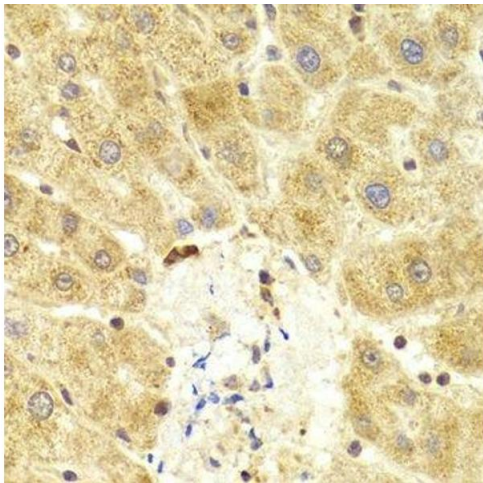
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



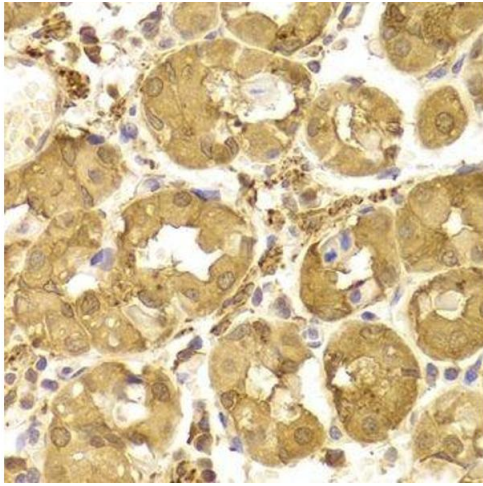
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded mouse testis using TP53 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human liver using TP53 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human stomach using TP53 antibody.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN6149404.