

Anti-TP53 antibody (1-393) (STJ25926)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

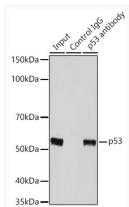
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 44kDa Observed Mw: 53kDa//53kDa/53kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

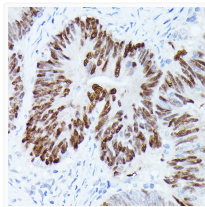
Gene ID	7157
Gene Symbol	TP53
UniProt ID	P53_HUMAN
Immunogen Region	1-393
Immunogen Sequence	MEEPQSDPSVEPPLSQETFS DLWKLLENVLSPLPSQAM DDLMLSPDDIEQWFTEDPGP DEAPRMPEAAPPVAPAPAAP TPAAPAPAPSWPLSSSVPSQ KTYQGSYGFRGLFHLHSGTAK SVTCTYSPALNKMFCQLAKT CPVQLWVDSTPPPGTRVRAM AIYKQSQHMTVEVVRRCPHHE RCSDSDGLAPPQHLIRVEGN LRVEYLDDRNTFRHSVVVPY EPPEVGSDDCTTIHYNMCMN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-393 of human p53 (NP_000537.3).

ADDITIONAL INFORMATION

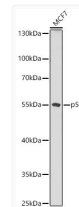
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunoprecipitation of p53 in 200 µg extracts from 293T cells using 3 µg p53 Rabbit polyclonal antibody (STJ25926). Western blot analysis was performed using p53 Rabbit polyclonal antibody (STJ25926) at 1:3000 dilution.



Immunohistochemistry analysis of p53 in paraffin-embedded human colon carcinoma using p53 Rabbit polyclonal antibody (STJ25926) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from MCF7 cells using p53 Rabbit polyclonal antibody (STJ25926) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.