
Product Name: p63 Rabbit Polyclonal Antibody**Catalog #: APRab15660**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	77kDa

Antigen Information

Gene Name	TP63 TP63; KET; P63; P73H; P73L; TP73L; Tumor protein 63; p63; Chronic ulcerative stomatitis protein; CUSP; Keratinocyte transcription factor KET; Transformation-related protein 63;
Alternative Names	TP63; Tumor protein p73-like; p73L; p40; p51
Gene ID	8626.0
SwissProt ID	Q9H3D4
Immunogen	The antiserum was produced against synthesized peptide derived from human p63. AA range:631-680

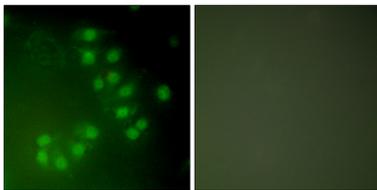
Background

This gene encodes a member of the p53 family of transcription factors. The functional domains of p53 family proteins include an N-terminal transactivation domain, a central DNA-binding domain and an oligomerization domain. Alternative splicing of this gene and the use of alternative promoters results in multiple transcript variants encoding different isoforms that vary in their functional properties. These isoforms function during skin development and maintenance, adult stem/progenitor cell regulation, heart development and premature aging. Some isoforms have been found to protect the germline by eliminating oocytes or testicular germ cells that have suffered DNA damage. Mutations in this gene are associated with ectodermal dysplasia, and cleft lip/palate syndrome 3 (EEC3); split-hand/foot malformation 4 (SHFM4); ankyloblepharon-ectodermal defects-cleft lip/palate; ADULT syndrome (acro-dermato-ungual-lacrima-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8.

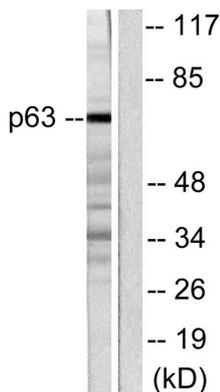
Research Area

Cell Cycle; Cell Cycle Inhibitors; p53; Cell Biology; Apoptosis; Intracellular; p53 Pathway; Epigenetics and Nuclear Signaling; DNA / RNA; DNA Damage & Repair; DNA Damage Response; Transcription; Cancer susceptibility; Tumor Suppressors; Cancer; Oncoproteins/suppressors; Tumor suppressors

Image Data



Immunofluorescence analysis of A549 cells, using p63 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using p63 Antibody. The lane on the right is blocked with the synthesized peptide.