Product Datasheet

p63 antibody

Catalog No: #23090

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	p63 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 357 and 630 of p63
Target Name	p63
Accession No.	NCBI Gene ID: 8626NCBI mRNA#: NM_003722NCBI Protein#: NP_003713
Uniprot	Q9H3D4
GeneID	8626;
Concentration	0.6mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

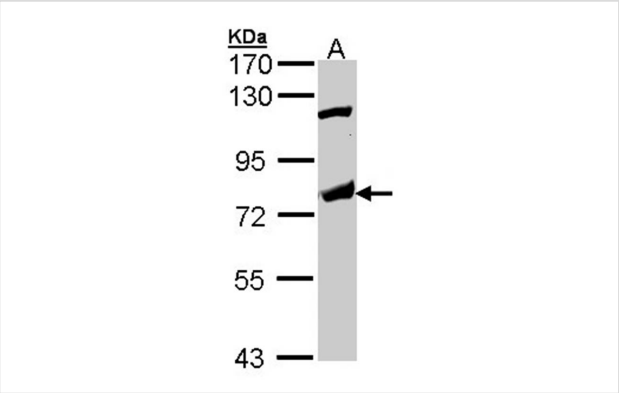
Application Details

Predicted MW: 77kd

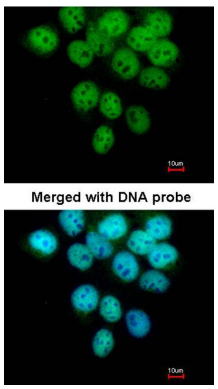
Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:200

Images



Sample (30 ug of whole cell lysate)
A: Raji
7.5% SDS PAGE
Primary antibody diluted at 1: 1000



Immunofluorescence analysis of paraformaldehyde-fixed A431, using p63 antibody at 1: 200 dilution.

Background

This gene encodes a member of the p53 family of transcription factors. An animal model, p63 -/- mice, has been useful in defining the role this protein plays in the development and maintenance of stratified epithelial tissues. p63 -/- mice have several developmental defects which include the lack of limbs and other tissues, such as teeth and mammary glands, which develop as a result of interactions between mesenchyme and epithelium. 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-lacrimal-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. Both alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different proteins. Many transcripts encoding different proteins have been reported but the biological validity and the full-length nature of these variants have not been determined. [provided by RefSeq]

Note: This product is for in vitro research use only