BT LAB
Bioassay Technology Laboratory
Optimize Your Research

p63(Phospho Ser455) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12689
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human p63 around the phosphorylation site of Ser455. AA range:421-470
Mol wt	76785
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Tumor protein 63
Synonyms	Tumor protein 63; TP63; KET; P63; P73H; P73L; TP73L; Tumor protein 63; p63; Chronic ulcerative stomatitis protein; CUSP; Keratinocyte transcription factor KET; Transformation-related protein 63; TP63; Tumor protein p73-like; p73L; p40; p51

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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-lacrim

Recommended Dilution

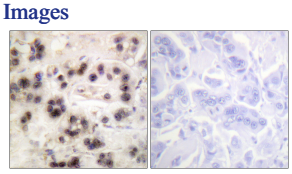
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

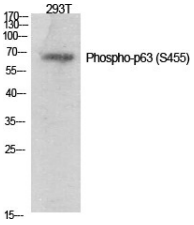
ELISA: 1: 20000

Not yet tested in other applications.

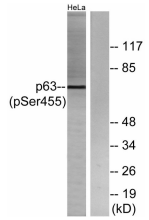
Images



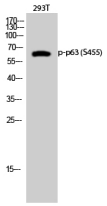
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p63 (Phospho-Ser455) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-p63 (S455) Polyclonal Antibody diluted at 1:1000



Western Blot analysis of 293T cells using Phospho-p63 (S455) Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from HeLa cells treated with TNF 2500U/ML 30', using p63 (Phospho-Ser455) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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