

Datasheet: AHP1815

Description:	RABBIT ANTI p63 (C-TERMINAL)
Specificity:	p63 (C-TERMINAL)
Other names:	p73L
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			1/100000
Immunoprecipitation			■	
Western Blotting	■			1/1000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid

Antiserum Preparation Antiserum to human p63 (CT) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃) 0.1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0mg/ml.
Immunogen	Synthetic peptide C-NFDMDARRNKQQRKEEGE corresponding to amino acids 662-680 within the

C-terminal region of p63.

**External Database
Links**

UniProt:

[Q9H3D4](#) [Related reagents](#)
[O88898](#) [Related reagents](#)

Entrez Gene:

[8626](#) TP63 [Related reagents](#)
[22061](#) Trp63 [Related reagents](#)

Synonyms

KET, P63, P73H, P73I, P73L, Tp73I, TP73L, Trp63

Specificity

Rabbit anti p63 antibody recognizes an epitope within the C-terminal (CT) region of tumour protein p63, otherwise known as tumour protein p73-like (p73L), a widely expressed nuclear protein and homologue of tumour suppressor p53, which acts as a sequence-specific DNA binding transcriptional activator/repressor.

p63, vital for the development of the prostate and selectively expressed by normal prostate basal cells, has been shown to be a promising complementary basal cell specific marker to High Molecular Weight-Cytokeratin (HMW-CK), for the differential diagnosis of benign prostatic lesions and prostatic carcinoma.

Rabbit anti p63 antibody is reported as suitable for use in immunocytochemistry.

Western Blotting

Rabbit anti Human p63 antibody detects a band of approximately 75kDa in mouse lung and human tumour cell line K562 (protein degradation is as expected).

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10304 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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