Datasheet for ABIN3044067
anti-p63 antibody (C-Term)

5	Images

Overview

Quantity:	100 μg
Target:	p63 (TP63)
Binding Specificity:	AA 664-680, C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p63 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Tumor protein 63(TP63) detection. Tested with WB, IHC-P, ICC in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human p63(664-680aa DMDARRNKQQRIKEEGE), different from the related rat and mouse sequences by one amino acid.
Sequence:	DMDARRNKQQ RIKEEGE
Isotype:	IgG
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse
	No cross reactivity with other proteins.
	Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence

Product Details

	similarities.
Characteristics:	Rabbit IgG polyclonal antibody for Tumor protein 63(TP63) detection. Tested with WB, IHC-P, ICC in Human,Mouse,Rat.
	Gene Name: tumor protein p63
	Protein Name: Tumor protein 63
Purification:	Immunogen affinity purified.

Target Details

Target:	p63 (TP63)
Alternative Name:	TP63 (TP63 Products)
Background:	TP63(Tumor Protein p63), also known as KET, is a protein that in humans is encoded by the TP63 gene. Yang et al.(1998) described the cloning of tumor protein p63, which shows strong homology to the tumor suppressor p53 and the p53-related protein p73. By fluorescence in situ hybridization, Yang et al.(1998) localized the human TP63 gene to chromosome 3q27-q29. Hibi et al.(2000) stated that p53 homologs known variously as p40, p51, p63, and p73L(Trink et al., 1998, Yang et al., 1998, Osada et al., 1998, Senoo et al., 1998) are isoforms of the same gene, which Hibi et al.(2000) referred to as AIS for amplified in squamous cell carcinoma.
	Synonyms: AIS antibody|Amplified in squamous cell carcinoma antibody|B(p51A) antibody|B(p51B) antibody|Chronic ulcerative stomatitis protein antibody|CUSP antibody|DN p63 alpha 1 antibody|DNp63 antibody|EEC3 antibody|id:ibd3516 antibody|Keratinocyte transcription factor antibody|Keratinocyte transcription factor KET antibody|KET antibody|LMS antibody|MGC115972 antibody|MGC192897 antibody|NBP antibody|OFC8 antibody|OTTHUMP00000209732 antibody|OTTHUMP00000209733 antibody|OTTHUMP00000209734 antibody|OTTHUMP00000209735 antibody|OTTHUMP00000209737 antibody|OTTHUMP00000209738 antibody|OTTHUMP00000209739 antibody|OTTHUMP00000209740 antibody|OTTHUMP00000209741 antibody|OTTHUMP00000209742 antibody|OTTHUMP00000209743 antibody|OTTHUMP00000209744 antibody|p40 antibody|p51 antibody|P51/P63 antibody|p53 like transcription factor antibody|p53 related protein antibody|p53-related protein p63 antibody|p53CP antibody|p63 antibody|P63_HUMAN antibody|P73 antibody|p73H antibody|p73L antibody|RHS antibody|SHFM4 antibody|TAp63alpha antibody|TP53CP antibody|TP53L antibody|TP63 antibody|TP73 antibody|TP73L antibody|Transformation related protein 63 antibody|Transformation-related

Target Details

	protein 63 antibody|Trp53rp1 antibody|Trp63 antibody|Tumor protein 63 antibody|tumor protein 63 kDa with strong homology to p53 antibody|Tumor protein p53-competing protein antibody|Tumor protein p53-like antibody|tumor protein p63 antibody|Tumor protein p63 deltaN isoform delta antibody|Tumor protein p73 antibody|tumor protein p73-like antibody
UniProt:	Q9H3D4

Application Details

Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Predicted Species: Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. ICC: Concentration: 0.5-1 µg/mL, Tested Species: Human, Predicted Species: Mouse, Rat Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P) and ICC.
Restrictions:	For Research Use only

Handling

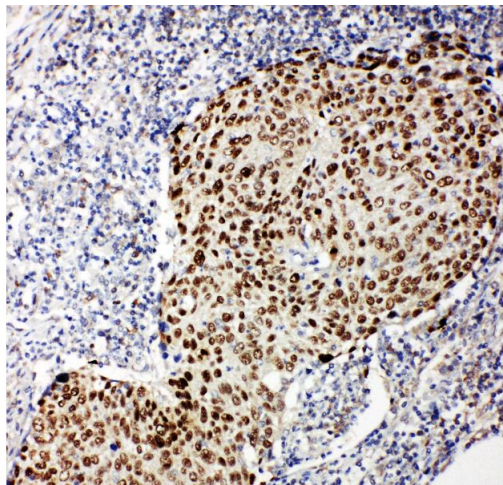| Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month.

Handling

It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
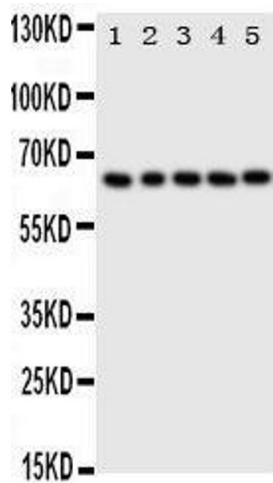
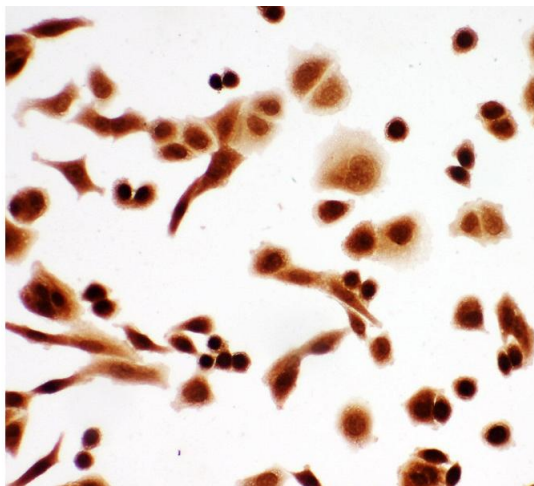|	
Expiry Date:	12 months

Images

Immunohistochemistry

Image 1. Anti-p63 antibody, IHC(P) IHC(P): Human Lung Cancer Tissue

Western Blotting

Image 2. Anti-p63 antibody, Western blotting Lane 1: HELA Cell Lysate Lane 2: SMMC Cell Lysate Lane 3: COLO320 Cell Lysate Lane 4: A549 Cell Lysate Lane 5: SGC Cell Lysate

Immunohistochemistry

Image 3. Anti-p63 antibody, ICC ICC: A549 Cell

Please check the product details page for more images. Overall 5 images are available for ABIN3044067.