

## p63 Antibody

CAB2137

### Description

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This p63 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB2137

**Contents:** 20  $\mu$ L, 100  $\mu$ L

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** AIS, KET, LMS, NBP, RHS, p40, p51, p63, EEC3, OFC8, p73H, p73L, SHFM4, TP53L, TP73L, p53CP, TP53CP, B(p51A), B(p51B)

**Clone:** -

**Applications:** WB IHC-P ELISA IF-P

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 8626

**Uniprot:** AB\_2764156

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 63-75 kDa

**Calculated MW:** 45-77 kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** A-431, mouse skin, rat skin

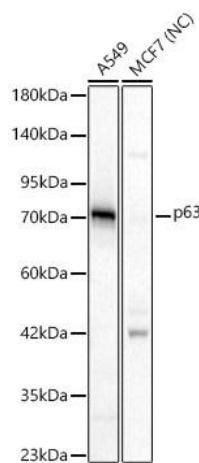
**Recommended Dilutions:**

<b>WB</b>	1:500 - 1:2000
<b>IF-P</b>	1:50 - 1:200
<b>IHC-P</b>	1:50 - 1:200
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

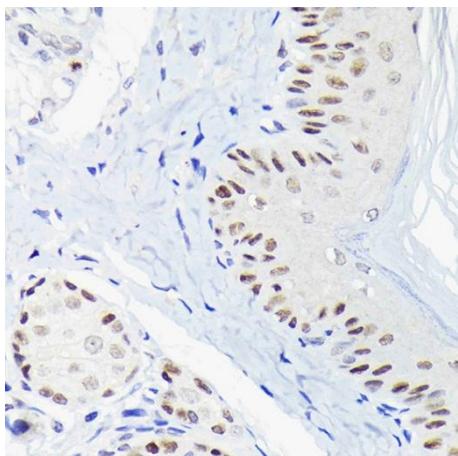
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

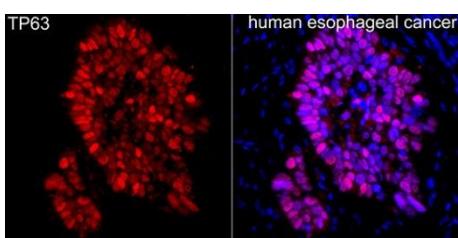
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Western blot analysis of various lysates, using p63 Rabbit pAb (CAB2137) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Negative control (NC): Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Rat skin using p63 Rabbit pAb (CAB2137) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of human esophageal cancer using p63 Rabbit pAb (CAB2137) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.