

Datasheet for ABIN3029088

anti-TCP1 alpha/CCTA antibody (AA 311-680)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	TCP1 alpha/CCTA (TCP1)
Binding Specificity:	AA 311-680
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCP1 alpha/CCTA antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human partial recombinant protein (AA 311-680) was used as the immunogen for this p63 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	TCP1 alpha/CCTA (TCP1)
Alternative Name:	p63 (TCP1 Products)
Background:	Tumor protein p63 (TP63), also known as TP73L is a protein that in humans is encoded by the TP63 gene. It is a member of the p53 family of transcription factors. This gene encodes for two

Target Details

main isoforms by alternative promoters (TP63 and dNp63). TP63 has been mostly restricted to its apoptotic function and more recently as the guardian of oocyte integrity. It has been found that the combined loss of TP63 and p73 results in the failure of cells containing functional p53 to undergo apoptosis in response to DNA damage. It is an essential regulator of stem cell maintenance in stratified epithelial tissues. TP63 is also critical for maintaining the progenitor-cell populations that are necessary to sustain epithelial development and morphogenesis.

UniProt: [Q9H3D4](#)

Application Details

Application Notes: The stated application concentrations are suggested starting points. Titration of the p63 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,Immunocytochemistry: 0.5-1 µg/mL

Restrictions: For Research Use only

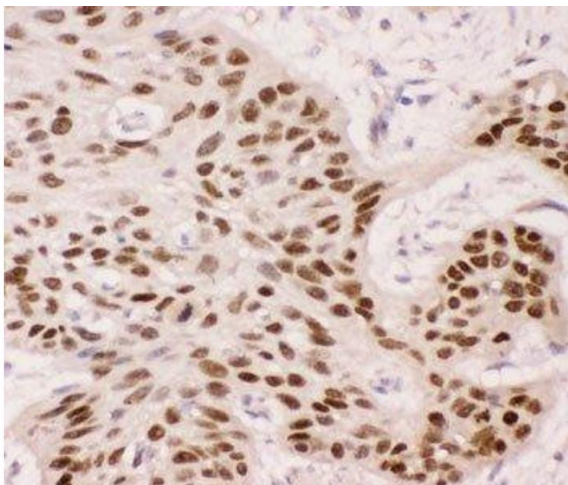
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

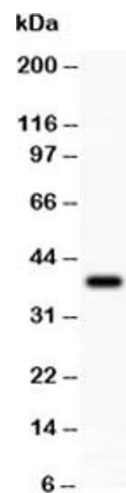
Storage Comment: After reconstitution, the p63 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



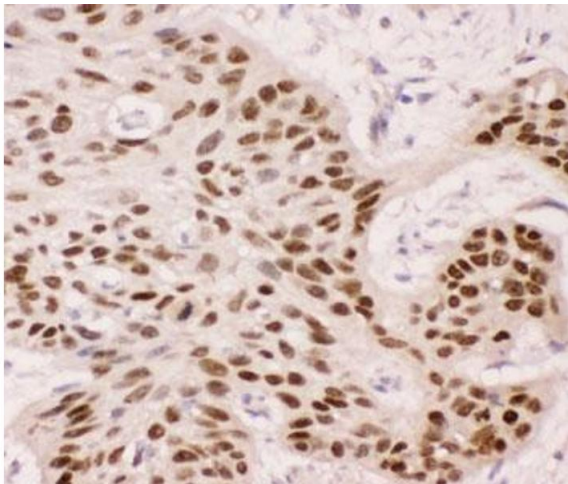
Immunohistochemistry

Image 1. IHC-P: p63 antibody testing of human oesophagus squama cancer tissue



Western Blotting

Image 2. Western blot testing of p63 antibody and recombinant human protein (0.5ng)



Immunohistochemistry

Image 3. IHC-P: p63 antibody testing of human oesophagus squama cancer tissue