

Datasheet for ABIN2778222

anti-TRP63 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	TRP63
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRP63 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	VTLETRDGQV LGRRCFEARI CACPGDRKA DEDSIRKQV SDSAKNGDGT
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against Trp63. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TRP63
Alternative Name:	Trp63 (TRP63 Products)
Background:	This gene encodes tumor protein p63, a member of the p53 family of transcription factors

Target Details

involved in cellular responses to stress and development. The family members include tumor proteins p53, p63, and p73, which have high sequence similarity to one another. This similarity allows p63 and p73 to transactivate p53-responsive genes causing cell cycle arrest and apoptosis. The family members can interact with each other in many ways, including direct and indirect protein interactions. This results in mutual regulation of target gene promoters. Tumor protein p63 $-/-$ mice have several developmental defects which include the lack of limbs and other tissues, such as teeth and mammary glands, which develop as a result of interactions between mesenchyme and epithelium.

Alias Symbols: AI462811, Ket, MGC115972, P51/P63, P63, P73l, Tp63, Trp53rp1

Protein Interaction Partner: Trp53, Dlx6, Dlx5, Abbp1, Trp73, Perp,

Protein Size: 461

Molecular Weight: 50 kDa

Gene ID: 22061

NCBI Accession: [NM_001114978](#), [NP_001108450](#)

UniProt: [Q9H3D4](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 461 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

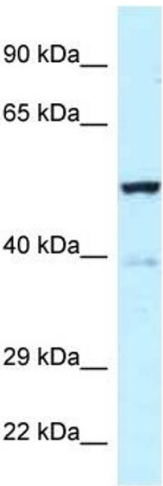
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-Trp63 Antibody Titration: 1.0 ug/ml Positive Control: Mouse heart