

## Product datasheet for **TA355646**

### Trp63 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	50kDa
Gene Name:	transformation related protein 63
Database Link:	<a href="#">NP_001108450.1</a> <a href="#">Entrez Gene 8626 Human</a> <a href="#">Entrez Gene 22061 Mouse</a> <a href="#">Q9H3D4_x000D</a>



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**Background:**

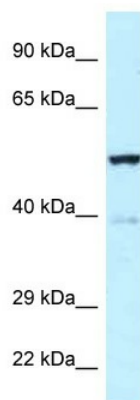
This gene encodes tumor protein p63, a member of the p53 family of transcription factors involved in cellular responses to stress and development. The family members include tumor proteins p53, p63, and p73, which have high sequence similarity to one another. This similarity allows p63 and p73 to transactivate 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.

**Synonyms:**

AI462811; Ket; P51/P63; p51/p63; P63; p63; P73l; p73L; TAp63; Tp63; Trp53rp1

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**

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