

For Research Use Only

# TP63 Recombinant antibody

Catalog Number: 86154-1-RR



## Basic Information

<b>Catalog Number:</b> 86154-1-RR	<b>GenBank Accession Number:</b> BC039815	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8626	<b>CloneNo.:</b> 250042G4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H3D4	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000 IHC: 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> tumor protein p63	
<b>Immunogen Catalog Number:</b> AG2791	<b>Calculated MW:</b> 680 aa, 77 kDa	
	<b>Observed MW:</b> 63-68 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> A431 cells, HaCaT cells, mouse skin tissue
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human lung cancer tissue,

## Background Information

TP63, also named KET, P63, P73H, P73L and TP73L, belongs to the p53 family. It is a homologue of the tumor suppressor p53 and p73 genes. It is involved in malignancy acquisition and maintenance of cells. Unlike p53, the p63 gene encodes multiple isoforms with remarkably divergent abilities to transactivate p53 reporter genes and induce apoptosis. TP63 acts as a sequence specific DNA binding transcriptional activator or repressor. TP63 has 12 isoforms with MW 40kd(P40), 50kd(P60), 63kd(P63) and 73kd(P73L).

## Storage

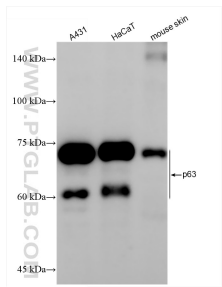
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

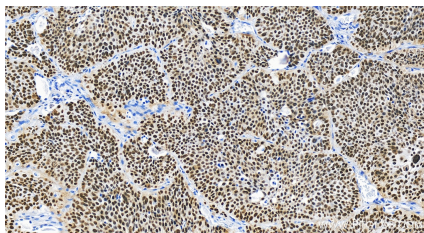
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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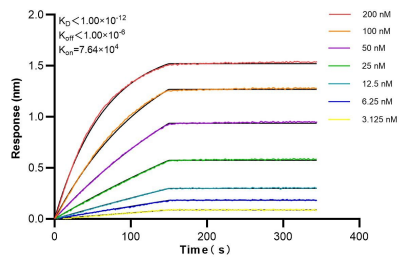
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86154-1-RR (TP63 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 86154-1-RR (TP63 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 86154-1-RR against Human TP63 were performed. The affinity constant is below 1 pM.