Polyclonal ANTIBODY

Catalog Number: 12143-1-AP

Basic Information

Catalog Number: 12143-1-AP
Size: 36 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG2791

GenBank Accession Number: BC066915
GeneID (NCBI): 8626
Full Name: tumor protein p63
Calculated MW: 698aa, 77 kDa
Observed MW: 63-68 kDa

Recommended Dilutions:
WB 1:500-1:2000
IP 0.5-4.0 μg for IP and 1:200-1:1000 for WB
IHC 1:200-1:200
IF 1:50-1:500

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA
Cited Applications:
IF, IHC, WB
Species Specificity:
human, mouse, rat
Cited Species:
human, rat

Note- IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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). It is Nuclear stain.

Notable Publications

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<th>Author</th>
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<tr>
<td>Xiafang Wu</td>
<td>29081891</td>
<td>Oxid Med Cell Longev</td>
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<td>Lihua Hu</td>
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<td>Ernesto Diaz-Flores</td>
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Storage

Storage:
Store at -20ºC. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20ºC storage

For technical support and original validation data for this product please contact:
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
A431 cells were subjected to SDS PAGE followed by western blot with 12143-1-AP (p63 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.


Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 12143-1-AP (p63 Antibody) at dilution of 1:200 (under 40x lens).