

For Research Use Only

TP53TG5 Polyclonal antibody

Catalog Number: 26394-1-AP



Basic Information

Catalog Number:

26394-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23918

GenBank Accession Number:

BC036785

GeneID (NCBI):

27296

UNIPROT ID:

Q9Y2B4

Full Name:

TP53 target 5

Observed MW:

34-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: LNCaP cells, PC-3 cells

Background Information

TP53TG5 (TP53-target gene 5) localized to chromosome band 20q13.1, encodes a 290-amino-acid peptide. The protein is induced by p53/TP53 in response to cellular stress signals, including UV irradiation, hydrogen peroxide treatment, and DNA-damaging agents. This induction pattern suggests that TP53TG5 plays a significant role in the p53-mediated cellular response to genotoxic stress. (PMID: 10719363)

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

For technical support and original validation data for this product please contact:

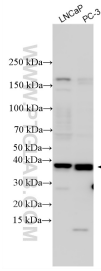
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26394-1-AP (TP53TG5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.