

Phospho-TP73-Y99 Rabbit pAb

Catalog No.: AP0465

Basic Information

Observed MW

80kDa

Calculated MW

70kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

This gene encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It maps to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

7161

Swiss Prot

O15350

Immunogen

A phospho specific peptide corresponding to residues surrounding Y99 of human TP73

Synonyms

P73; CILD47; Phospho-TP73-Y99

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

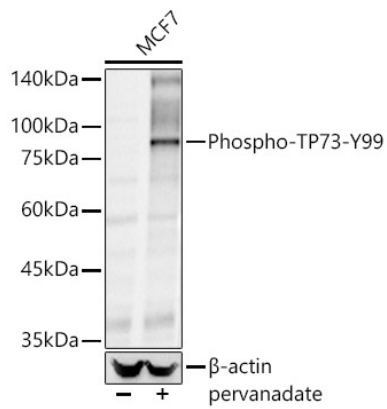
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from MCF7 cells, using Phospho-TP73-Y99 Rabbit pAb (AP0465) at 1:500 dilution. MCF7 cells were treated by pervanadate (1 mM) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.