

p73(Phospho Tyr99) Polyclonal Antibody

Description

| | |
|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP01360 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human p73 around the phosphorylation site of Tyr99. AA range:66-115 |
| Mol wt | 69623 |
| Species reactivity | Human, Mouse |
| Clonality | Polyclonal |
| Recommended application | WB, IHC-p, IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | Tumor protein p73 |
| Synonyms | Tumor protein p73; TP73; P73; Tumor protein p73; p53-like transcription factor; p53-related protein |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

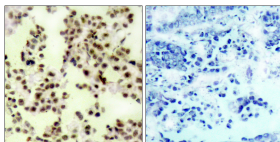
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

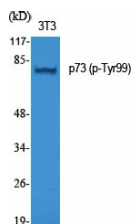
ELISA: 1: 10000

Not yet tested in other applications.

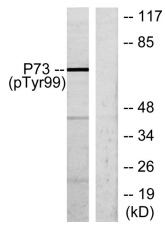
Images



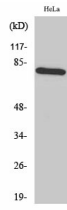
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using p73 (Phospho-Tyr99) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-p73 (Y99) Polyclonal Antibody



Western Blot analysis of HeLa cells using Phospho-p73 (Y99) Polyclonal Antibody



Western blot analysis of lysates from K562 cells treated with Pervanadate, using p73 (Phospho-Tyr99) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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