



p53 (phospho Thr18) Polyclonal Antibody

Cat #: ABP50389

Size: 30µl /100µl /200µl

Product Information

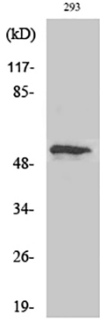
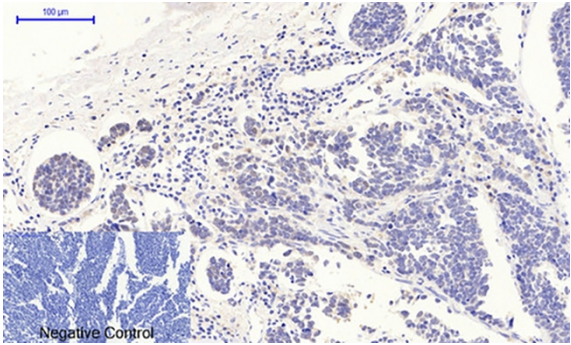
| | | | |
|---|--|---|---|
| | Product Name: p53 (phospho Thr18) Polyclonal Antibody | | |
| | Applications: WB, IF, IHC-P, ELISA | | Isotype: Rabbit IgG |
| | Reactivity: Human, Mouse, Rat | | |
| REF | Catalog Number: ABP50389 | LOT | Lot Number: Refer to product label |
| | Formulation: Liquid | | Concentration: 1 mg/ml |
|  | Storage: Store at -20°C. Avoid repeated freeze / thaw cycles. |  | Note: Contain sodium azide. |

Background: TP53 encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. Tumor protein p53 responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in TP53 are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of TP53 and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons (PMIDs: 12032546, 20937277).

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

| | |
|---|---|
|  <p>Western blot analysis showing a single band at approximately 48 kD, labeled 293. Molecular weight markers are indicated on the left: (kD) 117-, 85-, 48-, 34-, 26-, 19-.</p> | <p>Fig.1. Western Blot analysis of various cells using Phospho-p53 (T18) Polyclonal Antibody diluted at 1:2000.</p> |
|  <p>Immunohistochemical analysis of paraffin-embedded human lung cancer tissue. The main image shows strong brown staining. An inset labeled 'Negative Control' shows no staining. A scale bar indicates 100 μm.</p> | <p>Fig.2. Immunohistochemical analysis of paraffin-embedded human lung cancer tissue. 1, p53 (phospho Thr18) Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.</p> |

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.