

## Anti-Sp1 (phospho-T453) Antibody

Catalog Number: A00110T453

### About SP1

Ras proteins bind GDP/GTP and possess intrinsic GTPase activity.

Akiyuki Takaya, Mol. Biol. Cell, May 2007; 18: 1850 - 1860.

Waleed F. Khalaf, J. Immunol., Feb 2007; 178: 2527 - 2534.

Izumi Oinuma, J. Biol. Chem., Jan 2007; 282: 303 - 318.

Paul M. Campbell, Cancer Res., Mar 2007; 67: 2098 - 2106.

### Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-Sp1 (phospho-T453) Antibody                                                                                                           |
| Reactive Species     | Human, Mouse, Rat                                                                                                                          |
| Description          | Boster Bio Anti-Sp1 (phospho-T453) Antibody catalog # A00110T453. Tested in IHC applications. This antibody reacts with Human, Mouse, Rat. |
| Application          | IHC                                                                                                                                        |
| Clonality            | Polyclonal                                                                                                                                 |
| Formulation          | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2                                                                     |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host                 | Rabbit                                                                                                                                     |
| Uniprot ID           | P08047                                                                                                                                     |

### Technical Details

|                            |                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------|
| Immunogen                  | Synthesized peptide derived from human c-Src around the phosphorylation site of Y419.              |
| Predicted Reactive Species | Canine, Monkey                                                                                     |
| Cross Reactivity           | No cross reactivity with other proteins.                                                           |
| Isotype                    | IgG                                                                                                |
| Form                       | Liquid                                                                                             |
| Concentration              | 1 mg/ml                                                                                            |
| Purification               | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope- |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | specific immunogen and the purity is > 95% (by SDS-PAGE).                                                                                                                                                                                                                                                                                                                                                                          |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>IHC: 1:50-1:200</p> |

## Anti-Sp1 (phospho-T453) Antibody (A00110T453) Images

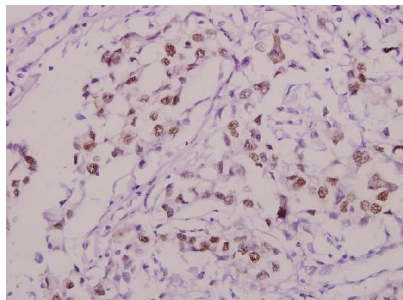


Figure 1. Immunohistochemistry validation of SP1 using Anti-Sp1 (phospho-T453) Antibody (A00110T453).

Immunohistochemistry (IHC) analyzes of p-Sp1 (T453) pAb in paraffin-embedded human breast carcinoma tissue at 1:50. For more protocol information of IHC

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Sp1 (phospho-T453) Antibody