

c-Src(Phospho Tyr529) Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP00201 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 100ul, 50ul, 20ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human Src around the phosphorylation site of Tyr529. AA range:487-536 |
| Mol wt | 59704 |
| Species reactivity | Human, Mouse, Rat, Monkey |
| Clonality | Polyclonal |
| Recommended application | WB, IHC-p, IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | SRC1 |
| Synonyms | SRC1; SRC; SRC1; Proto-oncogene tyrosine-protein kinase Src; Proto-oncogene c-Src; pp60c-src; p60-Src |

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

Background

This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene.

Recommended Dilution

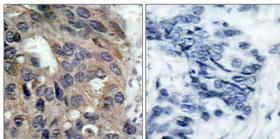
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

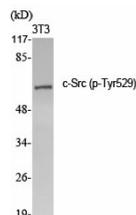
ELISA: 1: 10000

Not yet tested in other applications.

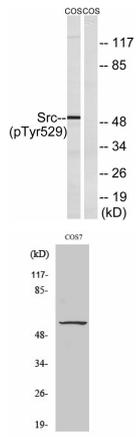
Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Src (Phospho-Tyr529) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-c-Src (Y529) Polyclonal Antibody diluted at 1:2000



Western Blot analysis of COS7 cells using Phospho-c-Src (Y529) Polyclonal Antibody diluted at 1:2000

Western blot analysis of lysates from COS7 cells treated with PMA 125ng/ml 30', using Src (Phospho-Tyr529) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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