c-Rel (phospho-S503) polyclonal antibody

Catalog: BS4839 Host: Rabbit Reactivity: Human

BackGround:

c-Rel is the cellular cognate of v-Rel, the avian reticulo-endotheliosis virus strain T transforming gene. v-Rel encodes a phosphoprotein that is located in the cytoplasm of transformed spleen cells and in the nucleus of non-transformed fibroblasts, in contrast to the c-Rel protein, which is cytoplasmic. c-Rel has been shown to represent a constituent of the κB site binding transcription factor NFκB, which plays a crucial role in the expression of immunoglobulin κ light chain gene. In contrast to c-Rel, v-Rel is truncated in its C-terminal transactivation domain and does not appear to function as a transcriptional transactivator. It has thus been postulated that v-Rel may interfere with the normal transcription of NFκB regulated genes and thus cause transformation by a mechanism analogous to v-ErbA, which binds to the thyroid hormoneresponsive region in certain erythroid genes needed for differentiation, but cannot be activated by thyroid hormone.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 68 to 78 kDa

Swiss-Prot:

Q04864

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

p-c-Rel (S503) polyclonal antibody detects endogenous levels of c-Rel protein only when phosphorylated at Ser503.

DATA:

Immunohistochemistry (IHC) analyzes of p-c-Rel (S503) pAb in paraffin-embedded human breast cancer tissue.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151