

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Rel B (S552) Peptide

Cat No.: BS4770P

#### Background

The NFκB transcription factor was originally identified as a protein complex consisting of a DNA-binding subunit and an associated protein. The DNA-binding subunit is functionally related to c-Rel p75 and Rel B p68. The p50 subunit was initially believed to be a functionally unique protein derived from the amino-terminus of a precursor designated p105. A second protein designated p52 (previously referred to as p49) has been identified that can act as an alternative NFκB subunit. Rel B does not bind with high affinity to NFκB sites, but heterodimers between Rel B and p50 bind with an affinity comparable to that of p50 NFκB homodimers. However, Rel B/p50 heterodimers, in contrast to NFκB heterodimers, transactivates transcription of promoters containing κB binding sites.

#### Swiss-Prot

Q01201

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4770 p-Rel B (S552) pAb.

#### Purification & Purity

Synthetic peptide p-Rel B (S552). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

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

#### Research Use

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

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