

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### TCF-9 Peptide

Cat No.: BS5957P

#### Background

TCF-9 (transcription factor 9), also known as C2orf3 (chromosome 2 open reading frame 3), GCF (GC-rich sequence DNA-binding factor) or DNABF, is a 781 amino acid nuclear protein that belongs to the GCF family. Widely expressed, GCF binds the GC-rich sequences of  $\beta$ -Actin, EGFR and calcium-dependent protease (CANP) promoters. GCF contains multiple phosphoserine and phosphothreonine residues, and two GCF isoforms are produced due to alternative splicing events. GCF is considered a candidate for susceptibility to dyslexia (DYX3) as both genes reside in close proximity on human chromosome 2. Chromosome 2 is the second largest human chromosome and consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human genome.

#### Swiss-Prot

P16383

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5957 TCF-9 pAb.

#### Purification & Purity

Synthetic peptide TCF-9. (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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