

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### TADA2L Peptide

Cat No.: BS5953P

#### Background

TADA2L (transcriptional adapter 2-like), also known as TADA2A (transcriptional adapter 2- $\alpha$ ) or ADA2-like protein, is a 443 amino acid nuclear protein that exists as 2 alternatively spliced isoforms. While most abundantly expressed in testis, TADA2L is present in all tissues. TADA2L contains one SANT domain and one SWIRM domain, and interacts with GCN5 and GR (NR3C1). Its ability to bind double-stranded DNA allows TADA2L to play a role in chromatin remodeling. Although it makes up part of the PCAF complex, TADA2L is also a component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4. The gene that encodes TADA2L contains 71,408 bases and maps to human chromosome 17q12. Chromosome 7 houses over 1,000 genes, comprises nearly 5% of the human genome and has been linked to osteogenesis imperfecta, Pendred syndrome, lissencephaly, citrullinemia and Shwachman-Diamond syndrome.

#### Swiss-Prot

O75478

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS5953 TADA2L pAb.

#### Purification & Purity

Synthetic peptide TADA2L. (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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