Bioworld Technology CO., Ltd.

# KOX17 (K22) Peptide

**Cat No.:** BS1938P

## Background

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krueppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF191 (Zinc finger protein 191), also known as ZNF24, KOX17, ZSCAN3 or RSG-A, is a 368 amino acid nuclear protein that belongs to the Krueppel C2H2-type zinc-finger protein family. Expressed in tissues throughout the body with the exception of heart, ZNF191 functions as a transcriptional repressor for a variety of proteins, such as VEGF (vascular endothelial growth factor), and is thought to be important for early embryonic development and cell proliferation. ZNF191 contains four C2H2-type zinc fingers and one SCAN box domain and, upon DNA damage, may be phosphorylated by ATM or ATR.

## Swiss-Prot

P17028

## Applications

Blocking

## Specificity

This peptide can be used with studies using BS1938 KOX17 (K22) pAb.

## Purification & Purity

Synthetic peptide KOX17 (K22). (Note: the amino acid sequence is proprietary). The purity is > 98%.

## Product

1 mg/ml in DI water.

## Storage & Stability

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

## Research Use

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

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