

YY2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13666b

Specification

YY2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O15391](#)

YY2 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 404281

Other Names

Transcription factor YY2, Yin and yang 2, YY-2, Zinc finger protein 631, YY2, ZNF631

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13666b was selected from the C-term region of YY2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

YY2 Antibody (C-term) Blocking peptide - Protein Information

Name YY2

Synonyms ZNF631

Function

Functions as a multifunctional transcription factor that may exhibit positive and negative control on a large number of genes. May antagonize YY1 and function in development and differentiation.

Cellular Location

Nucleus.

Tissue Location

Expressed in kidney, liver, spleen and testis but not in colon.

YY2 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

YY2 Antibody (C-term) Blocking peptide - Images

YY2 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a transcription factor that includes several Kruppel-like zinc fingers in its C-terminal region. It possesses both activation and repression domains, and it can therefore have both positive and negative effects on the transcription of target genes. This gene has an intronless coding region, and it appears to have arisen by retrotransposition of the related YY1 transcription factor gene, which is located on chromosome 14.

YY2 Antibody (C-term) Blocking peptide - References

Chen, L., et al. Nucleic Acids Res. 38(12):4011-4026(2010) Klar, M., et al. Gene 430 (1-2), 58-63 (2009) :Kim, J.D., et al. Nucleic Acids Res. 35(10):3442-3452(2007) Luo, C., et al. Genomics 87(3):348-355(2006) Klar, M., et al. Mol. Cell. Biol. 25(22):10159-10170(2005)