

ZBRK1 (C-term) Antibody Blocking Peptide
Synthetic peptide
Catalog # BP2547b**Specification**

ZBRK1 (C-term) Antibody Blocking Peptide - Product InformationPrimary Accession [O9GZX5](#)**ZBRK1 (C-term) Antibody Blocking Peptide - Additional Information****Gene ID** 59348**Other Names**

Zinc finger protein 350, KRAB zinc finger protein ZFQR, Zinc finger and BRCA1-interacting protein with a KRAB domain 1, Zinc finger protein ZBRK1, ZNF350, ZBRK1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2547b](/product/products/AP2547b) was selected from the C-term region of human ZBRK1 (C-term). 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.

ZBRK1 (C-term) Antibody Blocking Peptide - Protein Information**Name** ZNF350**Synonyms** ZBRK1**Function**

Transcriptional repressor. Binds to a specific sequence, 5'- GGGxxxCAGxxxTTT-3', within GADD45 intron 3.

Cellular Location

Nucleus. Nucleus matrix. Note=Associated with the nuclear matrix

Tissue Location

Widely expressed..

ZBRK1 (C-term) Antibody Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZBRK1 (C-term) Antibody Blocking Peptide - Images

ZBRK1 (C-term) Antibody Blocking Peptide - Background

ZBRK1 binds to a specific sequence, GGGxxxCAGxxxTTT, within GADD45 intron 3 that supports the assembly of a nuclear complex minimally containing both ZBRK1 and BRCA1. Through this recognition sequence, ZBRK1 represses transcription in a BRCA1-dependent manner. The results revealed a novel corepressor function for BRCA1 and provided a mechanistic basis for the biologic activity of BRCA1 through sequence-specific transcriptional regulation.

ZBRK1 (C-term) Antibody Blocking Peptide - References

Liao, G., et al., J. Virol. 79(1):245-256 (2005). Tan, W., et al., J. Biol. Chem. 279(8):6576-6587 (2004). Yun, J., et al., Mol. Cell. Biol. 23(20):7305-7314 (2003). Rutter, J.L., et al., Hum. Mutat. 22(2):121-128 (2003). Ran, Q., et al., Exp. Cell Res. 263(1):156-162 (2001).