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ZBRK1 (Center) Antibody Blocking Peptide
Synthetic peptide
Catalog # BP2547a

Specification

ZBRK1 (Center) Antibody Blocking Peptide - Product Information

Primary Accession Q9GZX5

ZBRK1 (Center) 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 AP2547a was selected from the Center region of human ZBRK1. 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 (Center) 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..

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ZBRK1 (Center) Antibody Blocking Peptide - Protocols

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

- Blocking Peptides

ZBRK1 (Center) Antibody Blocking Peptide - Images

ZBRK1 (Center) 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 (Center) 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).