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NAB2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7635c

Specification

NAB2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q15742

NAB2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 4665

Other Names
NGFI-A-binding protein 2, EGR-1-binding protein 2, Melanoma-associated delayed early response protein, Protein MADER, NAB2, MADER

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7635c was selected from the Center region of human NAB2. 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.

NAB2 Antibody (Center) Blocking Peptide - Protein Information

Name NAB2

Synonyms MADER

Function
Acts as a transcriptional repressor for zinc finger transcription factors EGR1 and EGR2. Isoform 2 lacks repression ability (By similarity).

Cellular Location
Nucleus. Note=Isoform 2 is not localized to the nucleus.

Tissue Location
Widely expressed at low levels. Highly expressed in melanoma cell lines

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NAB2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

NAB2 Antibody (Center) Blocking Peptide - Images

NAB2 Antibody (Center) Blocking Peptide - Background

NAB2 is a member of the family of NGFI-A binding (NAB) proteins, which function in the nucleus to repress transcription induced by some members of the EGR (early growth response) family of transactivators. NAB proteins can homo- or hetero-multimerize with other EGR or NAB proteins through a conserved N-terminal domain, and repress transcription through two partially redundant C-terminal domains. Transcriptional repression by this protein is mediated in part by interactions with the nucleosome remodeling and deactylase (NuRD) complex.

NAB2 Antibody (Center) Blocking Peptide - References

Srinivasan,R., J. Biol. Chem. 281 (22), 15129-15137 (2006)Kumbrink,J., J. Biol. Chem. 280 (52), 42785-42793 (2005)Lucerna,M., J. Biol. Chem. 278 (13), 11433-11440 (2003)