

NAB2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP7635c

Product Information

Application	WB, E
Primary Accession	Q15742
Other Accession	Q61127
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB18506
Calculated MW	56594
Antigen Region	109-138

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	This NAB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the Central region of human NAB2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NAB2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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

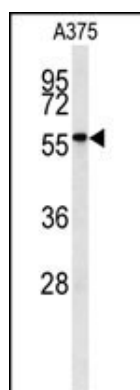
Background

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 deacetylase (NuRD) complex.

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)

Images



Western blot analysis of NAB2 antibody (Center) (Cat.#AP7635c) in A375 cell line lysates (35ug/lane). NAB2 (arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.